a biotechne brand

PrimeGene Recombinant Murine Acidic Fibroblast Growth **Factor** (rMuaFGF)

PrimeGene Technical DataSheet

Source:Escherichia coliMolecular Weight:Approximately 15.8 kDa, a single non-glycosylated polypeptide chain containing 140 amino acid residues.Size:10µg /100µg /500µgAA Sequence:FNLPLGNYKK PKLLYCSNGG HFLRILPDGT VDGTRDRSDQ HIQLQLSAES AGEVYIKGTE TGQYLAMDTE GLLYGSQTPN EECLFLERLE ENHYNYTSK KHAEKNWFVG LKKNGSCKRG PRTHYGQKAI LFLPLPVSSDPurity:>96 % by SDS-PAGE and HPLC analyses.Biological Activity:Fully biologically active when compared to standard. The ED ₅₀ as determined by a cell proliferation assay using murine balb/c 3T3 cells is less than 0.2 ng/ml, corresponding to a specific activity of > 5.0 × 10 ⁶ fU/mg in the presence of 10 µg/ml of heparin.Physical Appearance:Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized from a 0.2 µm filtered concentrated solution in 1×PBS, pH7.0, 5%Trehalose, 0.02%Tween-80, 0.5mM DTT, 0.5mM EDTA.Endotoxin:Less than 1 EU/µg of rMuaFGF as determined by LAL method.Reconstitution:We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solution should be apportioned into working aliquots and stored at <-20 °C. Further dilutions should be made in appropriate buffered solutions. The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.Stability & Storage:Use a manual defrost freezer and avoid repeated freeze-thaw cycles. • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8°C under sterile conditions after reconstitution. • 3 months, -20 to -70 °C under sterile conditions after reconstitution. </th <th>Catalog Number:</th> <th>124-01</th>	Catalog Number:	124-01
size: 10µg /100µg /500µg AA Sequence: FNLPLGNYKK PKLLYCSNGG HFLRILPDGT VDGTRDRSDQ HIQLQLSAES AGEVYIKGTE TGQYLAMDTE GLLYGSQTPN EECLFLERLE ENHYNTYTSK KHAEKNWFVG LKKNGSCKRG PRTHYGQKAI LFLPLPVSSD Purity: > 96 % by SDS-PAGE and HPLC analyses. Biological Activity: Fully biologically active when compared to standard. The ED ₅₀ as determined by a cell proliferation assay using murine bab/c 3T3 cells is less than 0.2 ng/ml, corresponding to a specific activity of > 5.0 × 10° IU/mg in the presence of 10 µg/ml of heparin. Physical Appearance: Sterile Filtered White lyophilized (freeze-dried) powder. Formulation: Lyophilized from a 0.2 µm filtered concentrated solution in 1×PBS, pH7.0, 5% Trehalose, 0.02% Tween-80, 0.5mM DTT, 0.5mM EDTA. Endotoxin: Less than 1 EU/µg of rMuaFGF as determined by LAL method. Reconstitution: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at $\leq -20^\circ$ C. Further dilutions should be made in appropriate buffered solutions. Shipping: Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 6 12 months from date of receipt, -20 to -70 °C as supplied. 6 12 months from date of receipt, -20 to -70 °C as supplied. 7	Source:	Escherichia coli
Size:10µg /100µg /500µgAA Sequence:FNLPLGNYKK PKLLYCSNGG HFLRILPDGT VDGTRDRSDQ HIQLQLSAES AGEVYIKGTE TGQYLAMDTE GLLYGSQTPN EECLFLERLE ENHYNTYTSK KHAEKNWFVG LKKNGSCKRG PRTHYGQKAI LFLPLPVSSDPurity:>96 % by SDS-PAGE and HPLC analyses.Biological Activity:Fully biologically active when compared to standard. The ED ₅₀ as determined by a cell proliferation assay using murine balb/c 3T3 cells is less than 0.2 ng/ml, corresponding to a specific activity of > 5.0 × 10° IU/mg in the presence of 10 µg/ml of heparin.Physical Appearance:Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized from a 0.2 µm filtered concentrated solution in 1×PBS, pH7.0, 5% Trehalose, 0.02% Tween-80, 0.5mM EDTA.Endotoxin:Less than 1 EU/ug of rMuaFGF as determined by LAL method.Reconstitution:We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored a ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions. The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature treomended below.Stability & Storage:Use manual defrost freezer and avoid repeated freeze-thaw cycles. 1 2 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 3 months, -20 to -70 °C under sterile conditions after reconstitution.Kage Storage:The moture is offered by Shanghai PrimeGene Bio-Tech for research, laboratory or further	Molecular Weight:	Approximately 15.8 kDa, a single non-glycosylated polypeptide chain containing 140 amino acid
AA Sequence: FNLPLGNYKK PKLLYCSNGG HFLRILPDGT VDGTRDRSDQ HIQLQLSAES AGEVYIKGTE TGQYLAMDTE GLLYGSQTPN EECLFLERLE ENHYNTYTSK KHAEKNWFVG LKKNGSCKRG PRTHYGQKAI LFLPLPVSSD Purity: > 96 % by SDS-PAGE and HPLC analyses. Biological Activity: Fully biologically active when compared to standard. The ED ₅₀ as determined by a cell proliferation assay using murine balb/c 3T3 cells is less than 0.2 ng/ml, corresponding to a specific activity of > 5.0 × 10 ⁶ IU/mg in the presence of 10 µg/ml of heparin. Physical Appearance: Sterile Filtered White lyophilized (freeze-dried) powder. Formulation: Lyophilized from a 0.2 µm filtered concentrated solution in 1×PBS, pH7.0, 5% Trehalose, 0.02% Tween-80, 0.5mM DTT, 0.5mM EDTA. Endotoxin: Less than 1 EU/µg of rMuaFGF as determined by LAL method. Reconstitution: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions. Shipping: Use a manual defrost freezer and avoid repeated freeze-thaw cycles. • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 3 months, -20 to -70 °C under sterile conditions after reconstitution. • 3 months, -20 to -70 °C under ste		residues.
AGEVYIKGTE TGQYLAMDTE GLLYGSQTPN EECLFLERLE ENHYNTYTSK KHAEKNWFVG LKKNGSCKRG PRTHYGQKAI LFLPLVSSD Purity: > 96 % by SDS-PAGE and HPLC analyses. Biological Activity: Fully biologically active when compared to standard. The ED ₅₀ as determined by a cell proliferation assay using murine balb/c 3T3 cells is less than 0.2 ng/ml, corresponding to a specific activity of > 5.0 × 10 ⁶ IU/mg in the presence of 10 µg/ml of heparin. Physical Appearance: Sterile Filtered White lyophilized (freeze-dried) powder. Formulation: Lyophilized from a 0.2 µm filtered concentrated solution in 1×PBS, pH7.0, 5% Trehalose, 0.02% Tween-80, 0.5mM DTT, 0.5mM EDTA. Endotoxin: Less than 1 EU/µg of rMuaFGF as determined by LAL method. Reconstitution: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions. Shipping: Use a manual defrost freezer and avoid repeated freeze-thaw cycles. • 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 3 months, -20 to -70 °C under sterile conditions after reconstitution. 3 months, -20 to -70 °C under sterile conditions after reconstitution.	Size:	10µg /100µg /500µg
KHAEKNWFVG LKKNGSCKRG PRTHYGQKAI LFLPLPVSSDPurity:> 96 % by SDS-PAGE and HPLC analyses.Biological Activity:Fully biologically active when compared to standard. The ED ₅₀ as determined by a cell proliferation assay using murine balb/c 3T3 cells is less than 0.2 ng/ml, corresponding to a specific activity of > 5.0 × 10° IU/mg in the presence of 10 µg/ml of heparin.Physical Appearance:Sterile Filtered White Iyophilized (freeze-dried) powder. Lyophilized from a 0.2 µm filtered concentrated solution in 1×PBS, pH7.0, 5%Trehalose, 0.02%Tween-80, 0.5mM DDT, 0.5mM EDTA.Endotoxin:Less than 1 EU/µg of rMuaFGF as determined by LAL method.We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions. The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.Stability & Storage:Use a manual defrost freezer and avoid repeated freeze-thaw cycles. • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 3 months, -20 to -70 °C under sterile conditions after reconstitution.Usage:This material is offered by Shanghai PrimeGene Bio-Tech for research, laboratory or further	AA Sequence:	FNLPLGNYKK PKLLYCSNGG HFLRILPDGT VDGTRDRSDQ HIQLQLSAES
Purity:> 96 % by SDS-PAGE and HPLC analyses.Biological Activity:Fully biologically active when compared to standard. The ED ₅₀ as determined by a cell proliferation assay using murine balb/c 3T3 cells is less than 0.2 ng/ml, corresponding to a specific activity of > 5.0 × 10 ⁶ IU/mg in the presence of 10 µg/ml of heparin.Physical Appearance:Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized from a 0.2 µm filtered concentrated solution in 1×PBS, pH7.0, 5%Trehalose, 0.02%Tween-80, 0.5mM DTT, 0.5mM EDTA.Endotoxin:Less than 1 EU/µg of rMuaFGF as determined by LAL method.Reconstitution:We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions. The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.Stability & Storage:Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 		AGEVYIKGTE TGQYLAMDTE GLLYGSQTPN EECLFLERLE ENHYNTYTSK
Biological Activity:Fully biologically active when compared to standard. The ED ₅₀ as determined by a cell proliferation assay using murine balb/c 3T3 cells is less than 0.2 ng/ml, corresponding to a specific activity of > 5.0 × 10 ⁶ IU/mg in the presence of 10 µg/ml of heparin.Physical Appearance:Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized from a 0.2 µm filtered concentrated solution in 1×PBS, pH7.0, 5%Trehalose, 0.02%Tween-80, 0.5mM DTT, 0.5mM EDTA.Endotoxin:Less than 1 EU/µg of rMuaFGF as determined by LAL method.Reconstitution:We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions. The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.Stability & Storage:Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 1 2 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 3 months, -20 to -70 °C under sterile conditions after reconstitution.Usage:This material is offered by Shanghai PrimeGene Bio-Tech for research, laboratory or further		KHAEKNWFVG LKKNGSCKRG PRTHYGQKAI LFLPLPVSSD
assay using murine balb/c 3T3 cells is less than 0.2 ng/ml, corresponding to a specific activity of > 5.0 × 10 ⁶ IU/mg in the presence of 10 µg/ml of heparin. Physical Appearance: Sterile Filtered White lyophilized (freeze-dried) powder. Formulation: Lyophilized from a 0.2 µm filtered concentrated solution in 1×PBS, pH7.0, 5%Trehalose, 0.02%Tween-80, 0.5mM DTT, 0.5mM EDTA. Endotoxin: Less than 1 EU/µg of rMuaFGF as determined by LAL method. Reconstitution: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions. Shipping: Use a manual defrost freezer and avoid repeated freeze-thaw cycles. • 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 3 months, -20 to -70 °C under sterile conditions after reconstitution. 3 months, -20 to -70 °C under sterile conditions after reconstitution.	Purity:	> 96 % by SDS-PAGE and HPLC analyses.
5.0 × 10 ⁶ IU/mg in the presence of 10 µg/ml of heparin.Physical Appearance:5.0 × 10 ⁶ IU/mg in the presence of 10 µg/ml of heparin.Formulation:Sterile Filtered White lyophilized (freeze-dried) powder.Formulation:Lyophilized from a 0.2 µm filtered concentrated solution in 1×PBS, pH7.0, 5%Trehalose, 0.02%Tween-80, 0.5mM DTT, 0.5mM EDTA.Endotoxin:Less than 1 EU/µg of rMuaFGF as determined by LAL method.Reconstitution:We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.Shipping:Use a manual defrost freezer and avoid repeated freeze-thaw cycles.612 months from date of receipt, -20 to -70 °C as supplied.61 month, 2 to 8 °C under sterile conditions after reconstitution.63 months, -20 to -70 °C under sterile conditions after reconstitution.Usage:This material is offered by Shanghai PrimeGene Bio-Tech for research, laboratory or further	Biological Activity:	Fully biologically active when compared to standard. The ED ₅₀ as determined by a cell proliferation
Physical Appearance: Formulation:Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized from a 0.2 μm filtered concentrated solution in 1×PBS, pH7.0, 5%Trehalose, 0.02%Tween-80, 0.5mM DTT, 0.5mM EDTA.Endotoxin:Less than 1 EU/μg of rMuaFGF as determined by LAL method.Reconstitution:We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.Shipping:Use a manual defrost freezer and avoid repeated freeze-thaw cycles.•12 months from date of receipt, -20 to -70 °C as supplied.•1 month, 2 to 8 °C under sterile conditions after reconstitution.•3 months, -20 to -70 °C under sterile conditions after reconstitution.•This material is offered by Shanghai PrimeGene Bio-Tech for research, laboratory or further		assay using murine balb/c 3T3 cells is less than 0.2 ng/ml, corresponding to a specific activity of $>$
Formulation:Lyophilized from a 0.2 µm filtered concentrated solution in 1×PBS, pH7.0, 5%Trehalose, 0.02%Tween-80, 0.5mM DTT, 0.5mM EDTA.Endotoxin:Less than 1 EU/µg of rMuaFGF as determined by LAL method.Reconstitution:We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.Shipping:Use a manual defrost freezer and avoid repeated freeze-thaw cycles.Stability & Storage:Use a manual defrost freezer and avoid repeated freeze-thaw cycles.Usage:1 month, 2 to 8 °C under sterile conditions after reconstitution.		5.0×10^6 IU/mg in the presence of 10 µg/ml of heparin.
Image: 0.02% Tween-80, 0.5mM DTT, 0.5mM EDTA. 0.02% Tween-80, 0.5mM DTT, 0.5mM EDTA. Less than 1 EU/μg of rMuaFGF as determined by LAL method. Reconstitution: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions. Shipping: Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 1 2 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. Usage: This material is offered by Shanghai PrimeGene Bio-Tech for research, laboratory or further	Physical Appearance:	Sterile Filtered White lyophilized (freeze-dried) powder.
Endotoxin:Less than 1 EU/µg of rMuaFGF as determined by LAL method.Reconstitution:We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.Shipping:Use a manual defrost freezer and avoid repeated freeze-thaw cycles.Stability & Storage:Use a manual defrost freezer and avoid repeated freeze-thaw cycles.I a month, 2 to 8 °C under sterile conditions after reconstitution.Usage:This material is offered by Shanghai PrimeGene Bio-Tech for research, laboratory or further	Formulation:	Lyophilized from a 0.2 µm filtered concentrated solution in 1×PBS, pH7.0, 5%Trehalose,
Reconstitution: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions. The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. Stability & Storage: Use a manual defrost freezer and avoid repeated freeze-thaw cycles. • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 3 months, -20 to -70 °C under sterile conditions after reconstitution. • 3 months, -20 to -70 °C under sterile conditions after reconstitution.		0.02%Tween-80, 0.5mM DTT, 0.5mM EDTA.
bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions. Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. Stability & Storage: Use a manual defrost freezer and avoid repeated freeze-thaw cycles. • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 3 months, -20 to -70 °C under sterile conditions after reconstitution. • 3 months, -20 to -70 °C under sterile conditions after reconstitution. Usage: This material is offered by Shanghai PrimeGene Bio-Tech for research, laboratory or further	Endotoxin:	Less than 1 EU/ μ g of rMuaFGF as determined by LAL method.
Concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.Shipping:The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.Stability & Storage:Use a manual defrost freezer and avoid repeated freeze-thaw cycles.• 12 months from date of receipt, -20 to -70 °C as supplied.• 1 month, 2 to 8 °C under sterile conditions after reconstitution.• 3 months, -20 to -70 °C under sterile conditions after reconstitution.Usage:This material is offered by Shanghai PrimeGene Bio-Tech for research, laboratory or further	Reconstitution:	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the
Shipping:stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions. The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.Stability & Storage:Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied.1 month, 2 to 8 °C under sterile conditions after reconstitution.3 months, -20 to -70 °C under sterile conditions after reconstitution.This material is offered by Shanghai PrimeGene Bio-Tech for research, laboratory or further		bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a
Shipping:The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.Stability & Storage:Use a manual defrost freezer and avoid repeated freeze-thaw cycles.• 12 months from date of receipt, -20 to -70 °C as supplied.• 1 month, 2 to 8 °C under sterile conditions after reconstitution.• 3 months, -20 to -70 °C under sterile conditions after reconstitution.Usage:This material is offered by Shanghai PrimeGene Bio-Tech for research, laboratory or further		concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and
Stability & Storage: Use a manual defrost freezer and avoid repeated freeze-thaw cycles. • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 3 months, -20 to -70 °C under sterile conditions after reconstitution. Usage: This material is offered by Shanghai PrimeGene Bio-Tech for research, laboratory or further		
 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 3 months, -20 to -70 °C under sterile conditions after reconstitution. Usage: This material is offered by Shanghai PrimeGene Bio-Tech for research, laboratory or further 	Shipping:	
 1 month, 2 to 8 °C under sterile conditions after reconstitution. 3 months, -20 to -70 °C under sterile conditions after reconstitution. Usage: This material is offered by Shanghai PrimeGene Bio-Tech for research, laboratory or further 	Stability & Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
 3 months, -20 to -70 °C under sterile conditions after reconstitution. Usage: This material is offered by Shanghai PrimeGene Bio-Tech for research, laboratory or further 		• 12 months from date of receipt, -20 to -70 °C as supplied.
Usage: This material is offered by Shanghai PrimeGene Bio-Tech for research, laboratory or further		• 1 month, 2 to 8 °C under sterile conditions after reconstitution.
		• 3 months, -20 to -70 °C under sterile conditions after reconstitution.
evaluation purposes. NOT FOR HUMAN USE.	Usage:	This material is offered by Shanghai PrimeGene Bio-Tech for research, laboratory or further
		evaluation purposes. NOT FOR HUMAN USE.

Murine Acidic Fibroblast Growth Factor

Murine aFGF, encoded by the FGF1 gene, is a member of the fibroblast growth factor (FGF) family. Fibroblast growth factor was found in pituitary extracts in 1973 and then tested in a bioassay that caused fibroblasts to proliferate. After further fractionating the extract using acidic and basic pH, two different forms have isolated that named "acidic fibroblast growth factor" (FGF-1) and "basic fibroblast growth factor" (FGF-2). Murine aFGF shares 52 % amino acid sequence identity with bFGF. Murine aFGF shares 96 % amino acid sequence identity with human aFGF, so it exhibits considerable species crossreactivity between murine and human aFGF. In mammalian FGF receptor family has 4 members, FGFR1, FGFR2, FGFR3, and FGFR4, and 1, 2, 3 have 2 subtypes "b", "c". aFGF can bind and activate all 7 different FGFRs. Affinity between aFGF and its receptors can be increased by heparin or heparan sulfate proteoglycan. aFGF plays an important role in the regulation of cell survival, cell division, angiogenesis, cell differentiation and cell migration. aFGF are also involved in a variety of biological processes, including embryonic development, morphogenesis, tissue repair, tumor growth and invasion.

Website: www.primegene.com

Email: info.pg@bio-techne.com