

Recombinant Human Keratinocyte Growth Factor-1/FGF-7 GMP

(rHuKGF-1/FGF-7 GMP)

PrimeGene Technical Data Sheet

GMP-104-07 Catalog Number: Source: Escherichia coli.

Molecular Weight: Approximately 18.9 kDa, a single, non-glycosylated polypeptide chain containing 163 amino acids.

Quantity: $5\mu g/100\mu g/1mg$

CNDMTPEQMA TNVNCSSPER HTRSYDYMEG GDIRVRRLFC RTQWYLRIDK RGKVKGTQEM **AA Sequence:**

KNNYNIMEIR TVAVGIVAIK GVESEFYLAM NKEGKLYAKK ECNEDCNFKE LILENHYNTY

ASAKWTHNGG EMFVALNQKG IPVRGKKTKK EQKTAHFLPM AIT

> 98 % by SDS-PAGE and HPLC analyses. **Purity:**

Fully biologically active when compared to standard. The ED₅₀ as determined by thymidine uptake assay **Biological Activity:**

using FGF-receptors transfected BaF3 cells is less than 10 ng/ml, corresponding to a specific activity of >

 1.0×10^5 IU/mg.

Sterile Filtered White lyophilized (freeze-dried) powder. **Physical Appearance:**

Formulation: Lyophilized from a 0.2 µm filtered solution in 20mM PB, pH 7.4, 500 mM NaCl, 0.02 % Tween-20.

Endotoxin: Less than 0.01 EU/µg of rHuKGF-1/FGF-7 GMP as determined by LAL method. **Residual HCP:** The content of residual bacterial cell proteins is less than 0.10% of total proteins.

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: 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.

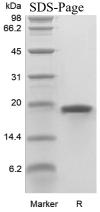
> A minimum of 12 months when stored at \leq -20 °C as supplied. Refer to lot specific COA for the Use by Date.

1 month, 2 to 8 °C under sterile conditions after reconstitution.

3 months, -20 to -70 °C under sterile conditions after reconstitution.

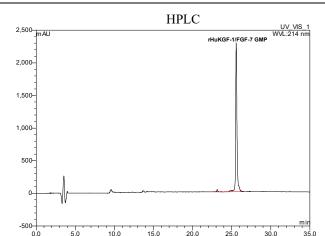
This GMP product can be for research use or further manufacturing use. Usage:

The manufacture and testing of this product is in compliance with ICH Q7a guidelines. **Quality statement:**



Shanghai PrimeGene Bio-Tech Co., Ltd. Website: www.primegene.com.cn

Tel: +86 21 52380373



Website: www.primegene.com Fax: +86 21 61077348

Rev. 10/22/2020 V.2 Email: info.pg@bio-techne.com