

Chemilihot Recombinant Human Basic Fibroblast Growth Factor GMP

(rHubFGF GMP)

ChemWhat Technical Data Sheet (TDS)

Catalog Number: GMP-104-02 Source: Escherichia coli.

Approximately 16.5 kDa, a single non-glycosylated polypeptide chain containing 147 amino acids. Molecular Weight:

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

MPALPEDGGS GAFPPGHFKD PKRLYCKNGG FFLRIHPDGR VDGVREKSDP AA Sequence:

> HIKLOLOAEE RGVVSIKGVC ANRYLAMKED GRLLASKCVT DECFFFERLE SNNYNTYRSR KYTSWYVALK RTGQYKLGSK TGPGQKAILF LPMSAKS

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

Biological Activity: Fully biologically active when compared to standard. The ED₅₀ as determined by a cell proliferation

assay using murine balb/c 3T3 cells is less than 0.05 ng/ml, corresponding to a specific activity of >

 $2.0 \times 10^7 \, \text{IU/mg}$.

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

Formulation: Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM Tris-HCl, pH 7.6, with 150mM

NaCl.

Endotoxin: Less than 0.01 EU/µg of rHubFGF GMP 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 less than 0.3 mg/mL. Stock solutions should be apportioned into working aliquots

and stored at \leq -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 ≤ -20 °C as supplied. Refer to lot specific COA for the

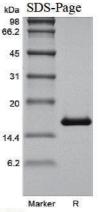
Use by Date.

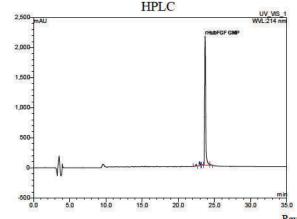
1 month, 2 to 8 °C under sterile conditions after reconstitution.

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 O7a guidelines. **Quality statement:**





CHEMWHAT LIMITED

Rev. 10/22/2020 V.4

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