

Human FGF13 Recombinant Protein



RPPB0226

Product Information Protein Information

Product SKU:

RPPB0226

Accession:

Q92913

Host:

Escherichia Coli.

Protein description:

FGF13 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 245 amino acids and having a molecular mass of 27.6kDa. The FGF-13 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Fibroblast growth factor 13, FGF-13, Fibroblast growth factor homologous factor 2, FHF-2, FGF13, FHF2.

Formulation:

FGF13 protein was lyophilized from a 0.2µm filtered concentrated solution in 20mM PB, 0.5M NaCl, pH 7.4.

Purity:

Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized FGF-13 in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized FGF13 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution FGF-13 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

MAAAIASSLI RQKRQARERE KSNACKCVSS PSKGGTSCDK NKLNVFSRVK LFGSKRRRRR RPEPQLKGIV
TKLYSRQGYH LQLQADGTID GTKDEDSTYT LFNLPVGLR VVAIQGVQTK LYLAMNSEGY LYTSELFPE
CKFKESVFEN YYVTYSSMIY RQQQSGRGWY LGLNKEGEIM KGNHVKKKPK AAHFLPKPLK VAMYKEPSLH
DLTEFSRSGS GTPTKSRSVS GVLNNGKSMS HNEST.