

Recombinant Human FGF13 protein

Cat. No. FGF13-521H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF13 protein(Q92913)(1-245 aa) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-245 aa
Form	Lyophilized from a 0.2 μ filtered concentrated solution in 20 mM Tris, pH 8.5, 500 mM NaCl.
Molecular Mass	Approximately 27.6 kDa, a single non-glycosylated polypeptide chain containing 245 amino acids.
AASequence	MAAAIASSLI RQKRQARERE KSNACKCVSS PSKGKTSCDK NKLNVFSRVK LFGSKKRRRR RPEPQLKGIV TKLYSRQGYH LQLQADGTID GTKDEDESTYT LFNLIPVGLR VVAIQGVQTK LYLAMNSEGY LYTSELFTE CKFKESVFEN YYVTYSSMIY RQQQSGRGWY LGLNKEGEIM KGNHVKKNKP AAHFLPKPLK VAMYKEPSLH DLTEFSRSGS GTPTKSRSVS GVLNGGKSMS HNEST
Endotoxin	Less than 1 EU/g of rHuFGF-13 as determined by LAL method.
Purity	> 95 % by SDS-PAGE and HPLC analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months

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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.

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.

GENE INFORMATION

Gene Name	FGF13 fibroblast growth factor 13 [Homo sapiens]
Official Symbol	FGF13
Synonyms	FGF13; fibroblast growth factor 13; FGF2; FHF2; fibroblast growth factor homologous factor 2; FHF-2; FGF-13;
Gene ID	2258
mRNA Refseq	NM_001139498
Protein Refseq	NP_001132970
MIM	300070
UniProt ID	Q92913
SDS-PAGE	

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