

Active Recombinant Human FGF20 Protein (Pro3-Thr211), C-His tagged, Animal-free, Carrier-free

Cat. No. FGF20-116H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF20 Protein (Pro3-Thr211) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Human
Source	E.coli
ProteinLength	Pro3-Thr211
Description	Fibroblast Growth Factors-20 (FGF-20) is a 23.5 kDa member of the fibroblast Growth Factors with 211 amino acid residues. FGF-20 is mainly expressed from microglial cells. FGF-20 can regulate central nervous development and function, regulate the survival of dopaminergic neurons via FGF/FGFR-dependent signaling pathway.
Form	Lyophilized
Bio-activity	Measure by its ability to induce 3T3 cells proliferation. The ED50 for this effect is 1.3-3.2 ng/mL. The specific activity of recombinant human FGF-20 is $> 2 \times 10^5$ IU/mg.
Molecular Mass	The protein has a calculated MW of 24.24 kDa. The protein migrates as 24 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/ μ g of the protein by the LAL method.

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Purity	>98% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	FGF20 fibroblast growth factor 20 [Homo sapiens (human)]
Official Symbol	FGF20
Synonyms	FGF20; fibroblast growth factor 20; FGF-20;
Gene ID	26281
mRNA Refseq	NM_019851
Protein Refseq	NP_062825
MIM	605558

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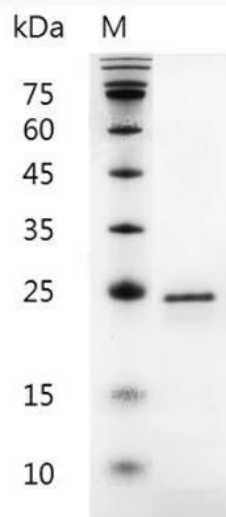
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UniProt ID

Q9NP95

SDS-PAGE analysis
of recombinant
human FGF-20.



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