

Active Recombinant Human FGF22 Protein (Thr23-Ser170), N-His-SUMO tagged, Animal-free, Carrier-free

Cat. No. FGF22-122H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF22 Protein (Thr23-Ser170) with N-His-SUMO tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Human
Source	E.coli
ProteinLength	Thr23-Ser170
Description	Fibroblast Growth Factors-22 (FGF-22) is a 22.3 kDa member of the fibroblast Growth Factors with 209 amino acid residues. FGF-22 is expressed from brain, skin, horizontal cells, bipolar cells, rod photoreceptor cells, muller glia cells. Involving fasting response, glucose homeostasis, lipolysis, lipogenesis and hair development.
Form	Lyophilized
Bio-activity	Measure by its ability to induce 3T3 cells proliferation. The ED50 for this effect is < 2 ng/mL.
Molecular Mass	The protein has a calculated MW of 29.35 kDa. The protein migrates as 36 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg 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	FGF22 fibroblast growth factor 22 [Homo sapiens (human)]
Official Symbol	FGF22
Synonyms	FGF22; fibroblast growth factor 22; FGF-22;
Gene ID	27006
mRNA Refseq	NM_020637
Protein Refseq	NP_065688
MIM	605831

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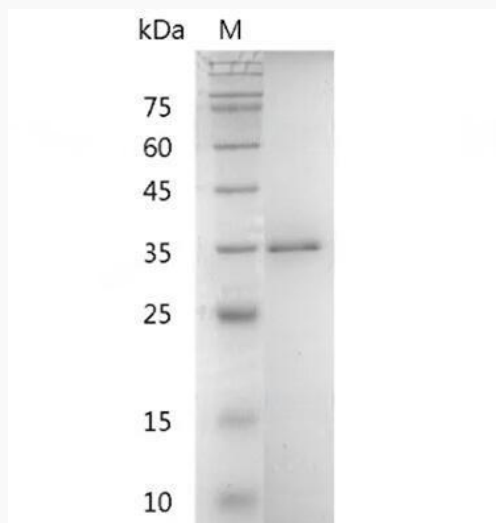
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UniProt ID

Q9HCT0

**SDS-PAGE analysis
of recombinant
human FGF-22.**



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