

Active Recombinant Human FGF17 Protein (Thr23-Thr216), N-His tagged, Animal-free, Carrier-free

Cat. No. FGF17-309H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF17 Protein (Thr23-Thr216) with N-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Human
Source	E.coli
ProteinLength	Thr23-Thr216
Description	Fibroblast Growth Factors-17 (FGF-17) is a 23.7 kDa member of the fibroblast Growth Factors with 205 amino acid residues. FGF-17 is mainly expressed from brain, choroid plexus. FGF-17 involved embryonic development and cell proliferation. Required for normal brain development.
Form	Lyophilized
Bio-activity	Measure by its ability to induce 3T3 cells proliferation. The ED50 for this effect is < 5 ng/mL. The specific activity of recombinant human FGF-17 is > 2 × 10 ⁵ IU/mg.
Molecular Mass	The protein has a calculated MW of 23.32 kDa. The protein migrates as 24 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 H ₂ O 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	FGF17 fibroblast growth factor 17 [Homo sapiens (human)]
Official Symbol	FGF17
Synonyms	FGF17; fibroblast growth factor 17; FGF 13; FGF-17; FGF-13;
Gene ID	8822
mRNA Refseq	NM_003867
Protein Refseq	NP_003858
MIM	603725

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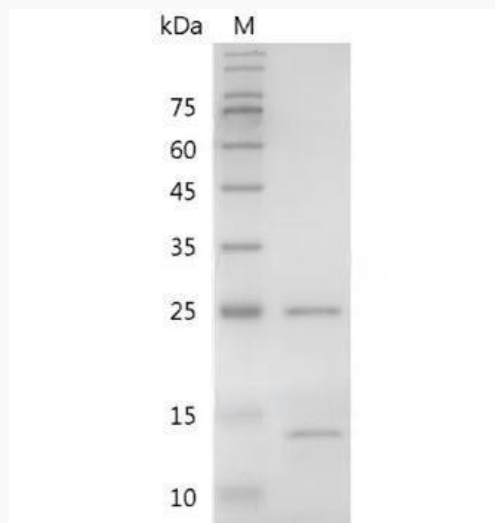
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UniProt ID

O60258

**SDS-PAGE analysis
of recombinant
human FGF-17.**



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