

Recombinant Human FGF17 protein(Thr23-Thr216)

Cat. No. FGF17-8552H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF17 (O60258-1) (Thr23-Thr216) was expressed in E. coli, with a N-terminal Met.
Species	Human
Source	E.coli
ProteinLength	23-216 a.a.
Form	Lyophilized from sterile 50mM Tris, 1M NaCl, PH 8.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured in a cell proliferation assay using BALB/c 3T3 mouse fibroblasts. The ED50 for this effect is typically 0.6-3 µg/mL.
Molecular Mass	The recombinant human FGF17 consists of 195 amino acids and predicts a molecular mass of 22.6 KDa. It migrates as an approximately 21 and 23 KDa band in SDS-PAGE under reducing conditions.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	FGF17 fibroblast growth factor 17 [Homo sapiens]
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
UniProt ID	O60258

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