

Recombinant Active Human FGF17 Protein, His-tagged(N-ter)

Cat. No. FGF17-74H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Active Human FGF17 Protein with His tag (N-ter) was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a member of the fibroblast growth factor (FGF) family. Member of the FGF family possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes including embryonic development cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein is expressed during embryogenesis and in the adult cerebellum and cortex and may be essential for vascular growth and normal brain development. Mutations in this gene are the cause of hypogonadotropic hypogonadism 20 with or without anosmia. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]
Form	Powder
Bio-activity	Determined 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 x 10 ⁵ IU/mg
AA Sequence	TQGENHPSPNFNQYVRDQGAMTDQLSRRQIREYQLYSRTSGKHVQVTGRRISATA EDGNKFAKLIVETDTFGSRVRIKGAESEKYICMNKRGLIGKPSGKSKDCVFTEIVLE NNYTAFQNARHEGWFMATRQGRPRQASRSRQNQREAHFIKRLYQGQLPPFNHA EKQKQFEFVGSAPTRRTKRTRRPQPLT

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Endotoxin	Endotoxin level is less than 0.1 EU/μg of the protein, as determined by the LAL test.
Purity	> 98% (by SDS-PAGE)
Applications	SDS-PAGE
Notes	For laboratory research only, not for drug, diagnostic or other use.
Storage	Lyophilized protein should be stored at -20°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Storage Buffer	PBS (pH 8.0)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 μg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.

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

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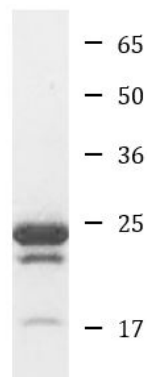
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Protein Refseq NP_003858

MIM 603725

UniProt ID O60258

SDS-PAGE



Human FGF17
recombinant protein

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