Recombinant Full Length Human FGF17 Protein, GST-tagged

Cat. No. FGF17-4815HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FGF17 full-length ORF (1 a.a. - 239 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	239 amino acids
Description	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members 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 gene was shown to be prominently expressed in the cerebellum and cortex. The mouse homolog of this gene was localized to specific sites in the midline structures of the forebrain, the midbrain-hindbrain junction, developing skeleton and developing arteries, which suggests a role in central nervous system, bone and vascular development. This gene was referred to as FGF-13 in reference 2, however, its amino acid sequence and chromosomal localization are identical to FGF17. [provided by RefSeq
Molecular Mass	54.1 kDa
AA Sequence	MAICPLHSAGQVACPHYIHLLTPLPWMDQWWCHPKQIDTIFPLVTAKGENHPSPNF NQYVRDQGAMTDQLSRRQIREYQLYSRTSGKHVQVTGRRISATAEDGNKFAKLIVE

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	TDTFGSRVRIKGAESEKYICMNKRGKLIGKPSGKSKDCVFTEIVLENNYTAFQNARH EGWFMAFTRQGRPRQASRSRQNQREAHFIKRLYQGQLPFPNHAEKQKQFEFVGS APTRRTKRTRRPQPLT
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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UniProt ID	O60258

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