

Full-Length

FGF17 (Human) Recombinant Protein (P01)

Catalog # H00008822-P01

Size 50 ug

Specification

Product Description	Human FGF17 full-length ORF (1 a.a. - 239 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAICPLHSAGQVACPHYIHL TPLPWMDQWWCHPKQIDTIFPLVTAKGENHPSNFNQYVRDQGA MTDQLSRRQIREYQLYSRTSGKHVQVTGRRISATAEDGNKFAKLIVETDTFGSRVRIKGAESEKYIC MNKRGKLGKPSGKSKDCVFTEIVLENNYAFQNRHEGWFMATRQGRPRQASRSRQNQREAH FIKRLYQGQLPFPNHA EKQKQFEFVGSAPTRRTKRTRRPQPLT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	54.1
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — FGF17

Entrez GeneID [8822](#)

GeneBank Accession# [AK091643.1](#)

Gene Name FGF17

Gene Alias FGF-13

Gene Description fibroblast growth factor 17

Omim ID [603725](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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]

Other Designations -

Pathway

- [MAPK signaling pathway](#)
- [Melanoma](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Kidney Failure](#)