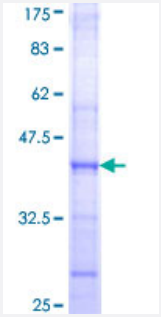
FGF17 (Human) Recombinant Protein (Q01)

Catalog # H00008822-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human FGF17 partial ORF (NP_003858, 100 a.a. - 199 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KGAESEKYICMNKRGKLIGKPSGKSKDCVFTEIVLENNYTAFQNARHEGWFMAFTRQGRPRQAS RSRQNQREAHFIKRLYQGQLPFPNHAEKQKQFEFVG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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#	NM_003867
Protein Accession#	NP_003858
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