

FGF17 active protein

FGF17 Protein, Human, Recombinant

CATALOG #
AAA258010

HOST
E Coli

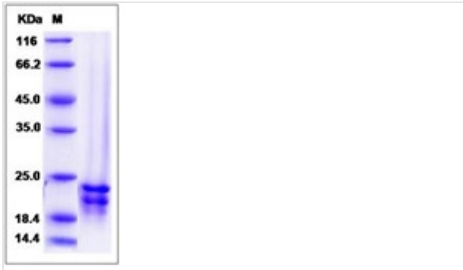
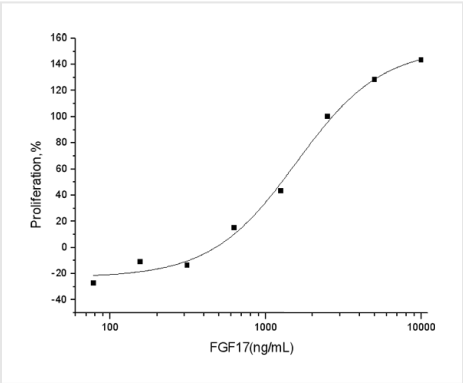
PRODUCT SYNONYMS

FGF17; FGF17 Protein; Human; Recombinant; Human FGF17 Protein; FGF-13 Protein; FGF-17 Protein; HH20 Protein; fibroblast growth factor 17; FGF17 active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from sterile 50mM Tris, 1M NaCl, pH8.5. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Sequence	Thr23-Thr216
Species	Human
Activity	Measured in a cell proliferation assay using BALB/c 3T3 mouse fibroblasts. The ED50 for this effect is typically 0.6-3ug/mL.
Predicted N Terminal	Met
Tag	Native
Protein Construction	A DNA sequence encoding the mature form of human FGF17 (O60258-1)(Thr23-Thr216) was expressed, with a N-terminal Met.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice.

IMAGES



SDS-PAGE

Application Data
Measured in a cell proliferation assay using BALB/c 3T3 mouse fibroblasts. The ED50 for this effect is typically 0.6-3 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for FGF17 active protein	Background: FGF-13, also known as FGF17, belongs to the fibroblast growth factor (FGF) family. Members of this family show broad mitogenic and cell survival activities, and play a role in a variety of biological processes including embryonic development cell growth, morphogenesis, tissue repair, tumor growth and invasion. FGF-13 is preferentially expressed in the embryonic brain. It interacts with FGFR3 and FGFR4. FGF-13 plays an important role in the regulation of embryonic development and as signaling molecule in the induction and patterning of the embryonic brain. It is also required for normal brain development.
References	Polnaszek N, et al. (2004) FGF17 is an autocrine prostatic epithelial growth factor and is upregulated in benign prostatic hyperplasia. Prostate. 60(1):18-24.Xu J, et al. (2000) Temporal and spatial gradients of Fgf8 and Fgf17 regulate proliferation and differentiation of midline cerebellar structures. Development. 127(9):1833-43.Strausberg RL, et al. (2003) Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Proc Natl Acad Sci. 99(26):16899-903.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503693
NCBI GeneID	8822
NCBI Accession #	NP_003858.1
NCBI GenBank Nucleotide #	NP_003858.1
UniProt Accession #	O60258
NCBI Official Full Name	fibroblast growth factor 17 isoform 1
NCBI Official Synonym Full Names	fibroblast growth factor 17
NCBI Official Symbol	FGF17
NCBI Official Synonym Symbols	HH20; FGF-13; FGF-17
NCBI Protein Information	fibroblast growth factor 17
UniProt Protein Name	Fibroblast growth factor 17
UniProt Gene Name	FGF17
UniProt Synonym Gene Names	FGF-17
UniProt Entry Name	FGF17_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/fgf17/258010>