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FGF-17, human recombinant protein

Fibroblast Growth Factor-17, FGFH

Catalog # PBV10780r

Specification

FGF-17, human recombinant protein - Product info

Primary Accession	O60258
Calculated MW	**22.7 kDa KDa**

FGF-17, human recombinant protein - Additional Info

Gene ID	**8822**
Gene Symbol	**FGF17**
Other Names	
Fibroblast Growth Factor-17, FGFH	
Gene Source	**Human**
Source	**E.coli**
Assay&Purity	**SDS-PAGE; ≥95%**
Assay2&Purity2	**HPLC;**
Recombinant	**Yes**
Sequence	**MTQGENHPSP NFNQYVRDQG AMTDQLSRRQ IREYQLYSRT SGKHVQVTGR RISATAEDGN KFAKLIVETD TFGSRVRIKG AESEKYICMN KRGKLIGKPS GKSKDCVFTE IVLENNYTAF QNARHEGWFM AFTRQGRPRQ ASRSRQNQRE AHFIKRLYQG QLPFPNHAEK QKQFEFVGSA PTRRTKRTRR PQPLT**

Target/Specificity
FGF-17

Application Notes
Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

Format
Lyophilized powder

Storage
-20°C; Sterile filtered through a 0.2 micron filter. Lyophilized from 10 mM sodium phosphate, pH 8.0 and 50 mM NaCl.

FGF-17, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

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- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FGF-17, human recombinant protein - Images

FGF-17, human recombinant protein - Background

FGF-17 is a heparin binding growth factor that is a member of the FGF family. Proteins of this family play a central role during prenatal development and postnatal growth and regeneration of a variety of tissues, by promoting cellular proliferation and differentiation. FGF-17 signals through the FGFR 1c, 2c, 3c, and 4. FGF-17 signals induction and patterning of embryonic brain. Recombinant human FGF-17 is a 22.7 kDa protein consisting of 195 amino acid residues.

FGF-17, human recombinant protein - References

Hoshikawa M.,et al.Biochem. Biophys. Res. Commun. 244:187-191(1998).
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Zhang X.,et al.J. Biol. Chem. 281:15694-15700(2006).
Turner N.,et al.Nat. Rev. Cancer 10:116-129(2010).