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FGF-12, human recombinant protein

FHF1, FGF12B, Fibroblast growth factor 12
Catalog # PBV10926r

Specification

FGF-12, human recombinant protein - Product info

Primary Accession	P61328
Concentration	1
Calculated MW	22.6 kDa (201 aa, 1-181 aa + His Tag), confirmed by MALDI-TOF. KDa

FGF-12, human recombinant protein - Additional Info

Gene ID	2257
Gene Symbol	FGF12

Other Names
FHF1, FGF12B, Fibroblast growth factor 12

Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MESKEPQLKG IVTRLFSQQG YFLQMHPDGT IDGTKDENSD YTLFNLIPVG LRVVAIQGVK ASLYVAMNGE GYLYSSDVFT PECKFKESVF ENYYVIYSST LYRQQESGRA WFLGLNKEGQ IMKGNRVKKT KPSSHFVPKP IEVCMYREQS LHEIGEKQGR SRKSSGTPTM NGGKVVNQDS T

Target/Specificity
FGF12

Format
Liquid

Storage
-80°C; 1 mg/ml in 20 mM Tris pH 7.5, 10% glycerol, 1 mM DTT, 2 mM EDTA

FGF-12, human recombinant protein - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence

- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FGF-12, human recombinant protein - Images

FGF-12, human recombinant protein - Background

FGF12 (Fibroblast growth factor 12) is a member of the FGF superfamily of molecules which currently stands at 22 members. The 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. FGF12 binds to IB2 (islet brain-2), a cellular kinase scaffold, and voltage gated sodium channels and also plays an important role in intracellular signaling and ion exchange. Recombinant human FGF12 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.