HuPro®

FGF19 (Human) Recombinant Protein

Catalog # P8626 Size 2 x 10 ug

Specification

Product Description	Human FGF19 partial recombinant protein with His tag in C-terminus expressed in HEK293 cells.
Sequence	DGSHMRPLAFSDAGPHVHYGWGDPIRLRHLYTSGPHGLSSCFLRIRADGVVDCARGQSAHSLLEI KAVALRTVAIKGVHSVRYLCMGADGKMQGLLQYSEEDCAFEEEIRPDGYNVYRSEKHRLPVSLSS AKQRQLYKNRGFLPLSHFLPMLPMVPEEPEDLRGHLESDMFSSPLETDSMDPFGLVTGLEAVRS PSFEKHHHHHH
Host	Human
Theoretical MW (kDa)	23
Form	Liquid
Preparation Method	Mammalian cell (HEK 293) expression system
Purification	chromatographic
Purity	> 95% as determined by SDS-PAGE.
Storage Buffer	Solution (0.5 mg/mL) in 20mM Tris-HCl, pH 8.0 ��containing 20% glycerol, 0.1M NaCl.
Storage Instruction	Store at 4°C for 2-4 weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Applications

- SDS-PAGE

Gene Info — FGF19

Entrez GeneID	9965

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Protein Accession#	O95750
Gene Name	FGF19
Gene Alias	-
Gene Description	fibroblast growth factor 19
Omim ID	603891
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 growth factor is a high affinity, heparin dependent ligand for FGFR4. Expression of this gene was detected only in fetal but not adult brain tissue. Synergistic interaction of the chick homolog and Wnt-8c has been shown to be required for initiation of inner ear development. [provided by RefSeq
Other Designations	-

Pathway

- MAPK signaling pathway
- Melanoma
- Pathways in cancer
- Regulation of actin cytoskeleton

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