

Recombinant Full Length Human FGF19 Protein, C-Flag-tagged

Cat. No. FGF19-857HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human FGF19 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	21.6 kDa
AA Sequence	MRSGCVVHVHWILAGLWLAVAGRPLAFSDAGPHVHYGWGDPIRLRHLYTSGPHGL SSCFLRIRADGVVDC ARGQSAHSLSLEIKAVALLRTVAIKGVHVSRYLCMGADGKMQG LLQYSEEDCAFEIEIRPDGYNVYRSEKHR LPVSLSSAKQRQLYKNRGFLPLSHFLP MLPMVPEEPEDLRGHLESDFSSPLETDSMDPFGLVTGLEAVR

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	SPSFEKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Adult stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Secreted Protein, Transmembrane
Protein Pathways	MAPK signaling pathway, Melanoma, Pathways in cancer, Regulation of actin cytoskeleton
Full Length	Full L.

GENE INFORMATION

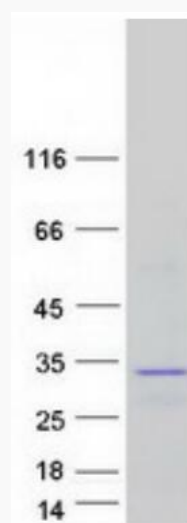
Gene Name	FGF19 fibroblast growth factor 19 [Homo sapiens (human)]
Official Symbol	FGF19
Synonyms	fibroblast growth factor 19
Gene ID	9965

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mRNA Refseq	NM_005117.3
Protein Refseq	NP_005108.1
MIM	603891
UniProt ID	O95750



Coomassie blue staining of purified FGF19 protein.

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