FGF19 (Human) Recombinant Protein

Catalog # P8625 Size 25 ug

Specification

Product Description	Human FGF19 recombinant protein with His tag in N-terminus expressed in *Escherichia coli*.
Sequence	MRGSHHHHHHGMASLAFSDAGPHVHYGWGDPIRLRHLYTSGPHGLSSCFLRIRADGVVDCARG QSAHSLLEIKAVALRTVAIKGVHSVRYLCMGADGKMQGLLQYSEEDCAFEEEIRPDGYNVYRSEK HRLPVSLSSAKQRQLYKNRGFLPLSHFLPMLPMVPEEPEDLRGHLESDMFSSPLETDSMDPFGL VTGLEAVRSPSFEK
Host	Escherichia coli
Theoretical MW (kDa)	23
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purification	chromatographic
Purity	> 95% as determined by SDS-PAGE.
Storage Buffer	Protein(0.5 mg/mL) was lyophilized from a solution containing 20mM Tris, pH 7.5, 20 mM NaCl. Rec onstitute the lyophilized powder in ddH_2O to 0.5 mg/mL, and is not sterile! Please filter the product by an sterile filter before use.
Storage Instruction	Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4 °C for 2-7 days 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). Avoid repeated freeze/thaw cycles.

Applications

- SDS-PAGE

Gene Info — FGF19

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Entrez GeneID	9965
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

Copyright © 2023 Abnova Corporation. All Rights Reserved.