

Recombinant Human FGF19 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FGF19-3206H Lot. No. (See product label)

SPECIFICATION

Product Overview

FGF19 MS Standard C13 and N15-labeled recombinant protein (NP_005108) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

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.

Molecular Mass

24 kDa

AA Sequence

MRSGCVVHVWILAGLWLAVAGRPLAFSDAGPHVHYGWGDP IRLRHLYTSGPHGL
SSCFLRIRADGVVDCARGQSAHSLLEIKAVLRVVAIKGVHSHVRYLCMGADGKMQGL
LQYSEEDCAFEIEIRPDGYNVYRSEKHRLPVSLSSAKQRQLYKNRGFLPLSHFLPML
PMVPEEPEDLRGHLESDMFSSPLETDSMDPFGLVTGLEAVRSPSFEKTRTRPLEQK
LISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

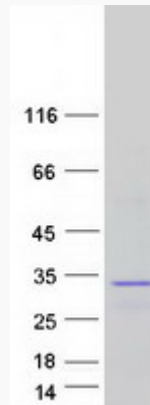
Gene Name	FGF19 fibroblast growth factor 19 [Homo sapiens (human)]
Official Symbol	FGF19
Synonyms	FGF19; fibroblast growth factor 19; FGF-19;
Gene ID	9965
mRNA Refseq	NM_005117
Protein Refseq	NP_005108
MIM	603891
UniProt ID	O95750

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SDS-PAGE



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