

Recombinant Human FGF13 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FGF13-2187H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FGF13 MS Standard C13 and N15-labeled recombinant protein (NP_378668) 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 gene is located in a region on chromosome X, which is associated with Borjeson-Forssman-Lehmann syndrome (BFLS), making it a possible candidate gene for familial cases of the BFLS, and for other syndromal and nonspecific forms of X-linked cognitive disability mapping to this region. Alternative splicing of this gene at the 5' end results in several transcript variants encoding different isoforms with different N-termini.
Molecular Mass	21.4 kDa
AA Sequence	MALLRKSYSSEPLKGIVTKLYSRQGYHLQLQADGTIDGTKDEDSTYTLFNLIPVGLRV VAIQGVQTKLYLAMNSEGYLYTSELFTECKFKESVFENYYVTYSSMIYRQQQSGRG WYLGLNKEGEIMKGNHVKKNKPAAHFLPKPLKVAMYKEPSLHDLTEFSRSGSGTPT KSRSVSGVLNGGKSMHNESTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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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.

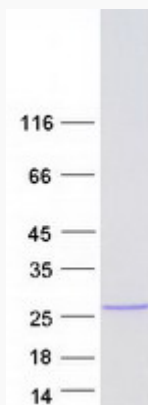
GENE INFORMATION

Gene Name	FGF13 fibroblast growth factor 13 [Homo sapiens (human)]
Official Symbol	FGF13
Synonyms	FGF13; fibroblast growth factor 13; FGF2; FHF2; fibroblast growth factor homologous factor 2; FHF-2; FGF-13;
Gene ID	2258
mRNA Refseq	NM_033642
Protein Refseq	NP_378668
MIM	300070
UniProt ID	Q92913

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SDS-PAGE

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