

Recombinant Full Length Human FGF13 Protein, Flag-tagged

Cat. No. FGF13-3100HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human FGF13 Protein, fused to Flag-tag was expressed in HEK293T.
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.
Form	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol.
Molecular Mass	21.4 kDa
AA Sequence	MALLRKSYSSEPQLKGIVTKLYSRQGYHLQLQADGTIDGTKDEDSTYTLFNLIPVGLRV VAIQGVQTKLYL AMNSEGYLYTSELFTEPECKFKESVFENYYVTYSSMIYRQQQSGR GWYLGLNKEGEIMKGNHVKKNKPAAH FLPKPLKVAMYKEPSLHDLTEFSRSGSGT PTKSRSVSGVLNGGKSMHNEST TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
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 after receiving vials.
Concentration	>0.05 g/μ as determined by microplate Bradford method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Secreted Protein
Protein Pathways	MAPK signaling pathway, Melanoma, Pathways in cancer, Regulation of actin cytoskeleton
Full Length	Full L.

GENE INFORMATION

Gene Name	FGF13 fibroblast growth factor 13 [Homo sapiens (human)]
Official Symbol	FGF13
Synonyms	FGF2; FHF2; DEE90; FHF-2; FGF-13; XLID110; LINC00889
Gene ID	2258

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mRNA Refseq	NM_033642.3
Protein Refseq	NP_378668.1
MIM	300070
UniProt ID	Q92913
SDS-PAGE	Coomassie blue staining of purified FGF13 protein.

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