

Recombinant Full Length Human FGF13 Protein, GST-tagged

Cat. No. FGF13-4810HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FGF13 full-length ORF (AAH34340, 1 a.a. - 245 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	245 amino acids
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 mental retardation 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. [provided by RefSeq]
Molecular Mass	52.69 kDa
AA Sequence	MAAAIASSLIRQKRQAREREKSNACKCVSSPSKGTSCDKNKLNVFSRVKLFSGSKK RRRRRPEPQLKGIATKLYSRQGYHLQLQADGTIDGTKDEDSTYTLFNLIPVGLRVVAI QGVQTKLYLAMNSEGYLYTSELFTECKFKESVFENYYVTYSSMIYRQQQSGRGWY

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	LGLNKEGEIMKGDHVKKNKPAAHFLPKPLKVAMYKEPSLHDLTEFSRSGSGTPTKS RSVSGVLNGGKSMHNEST
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	FGF13 fibroblast growth factor 13 [Homo sapiens]
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_001139498
Protein Refseq	NP_001132970
MIM	300070

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UniProt ID

Q92913

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