

Product datasheet for **TP761821**

FGF13 (NM_004114) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human fibroblast growth factor 13 (FGF13), transcript variant 1, full length, with N-terminal GST and C-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length FGF13
Tag:	N-GST and C-His
Predicted MW:	55.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_004105
Locus ID:	2258
UniProt ID:	Q92913 , A8K1P5
RefSeq Size:	2705
Cytogenetics:	Xq26.3-q27.1
RefSeq ORF:	735
Synonyms:	DEE90; FGF-13; FGF2; FHF-2; FHF2; LINC00889



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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 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. [provided by RefSeq, Nov 2008]

Protein Families:

Secreted Protein

Protein Pathways:

MAPK signaling pathway, Melanoma, Pathways in cancer, Regulation of actin cytoskeleton

Product images: