

FGF13 (Human) Recombinant Protein

Catalog # P8612

Size 25 ug

Specification

Product Description	Human FGF13 recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MAAAIASSLIRQKRQAREREKSNACKCVSSPSKGKTSCDKNKLNVFSRVKLFSGSKRRRRRPEP QLKGIVTKLYSRQGYHLQLQADGTIDGTDKDEDSTYTLFNLIPVGLRVVAIQGVQTKLYLAMNSEGYLY TSELFTECKFKESVFENYYVTYSSMIYRQQQSGRGWYGLNKEGEIMKGNHVKKNKPAAHFLPK PLKVAMYKEPSLHDLTEFSRSGSGTPTKSRSVSGVLNGGKSMSHNEST
Host	Escherichia coli
Theoretical MW (kDa)	27.6
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	chromatography
Surface Modification	Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Storage Buffer	Lyophilized from a solution containing 20mM PB, 0.5M NaCl, pH 7.4. Reconstitute the lyophilized powder in ddH ₂ O to 100 ug/mL.
Storage Instruction	Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4 °C for 2-7 days and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- SDS-PAGE

Gene Info — FGF13

Entrez GeneID	2258
Protein Accession#	Q92913
Gene Name	FGF13
Gene Alias	FGF2, FHF2
Gene Description	fibroblast growth factor 13
Omim ID	300070
Gene Ontology	Hyperlink
Gene Summary	<p>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]</p>
Other Designations	OTTHUMP00000024143 OTTHUMP00000024144 fibroblast growth factor homologous factor 2

Pathway

- [MAPK signaling pathway](#)
- [Melanoma](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)

- [Osteoporosis](#)