

Recombinant Full Length Human FGF13 Protein

Cat. No. FGF13-168HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human FGF13 containing an N-terminal proprietary tag; Predicted MW 52.69 kDa.
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.
Form	Liquid
Molecular Mass	52.690kDa inclusive of tags
AA Sequence	MAAAIASSLIRQKRQAREREKSNACKCVSSPSKGKTSCDK NKLNVFSRVKLFSGSKK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RRRRRPEPQLKGIATKLYSRQGYH LQLQADGTIDGTKDEDSTYTLFNLIPVGLRVVAI
QGVQTK LYLAMNSEGYLYTSELF TPECKFKESVFENYYVTYSSMIY RQQQSGRGW
YLGLNKEGEIMKGDHVKKNKPAAHFLPKPLK VAMYKEPSLHDLTEFSRSGSGTPTK
SRSVSGVLNNGGKSMS HNEST

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.79% Tris HCl, 0.31% Glutathione.

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

Gene ID 2258

mRNA Refseq NM_001139498

Protein Refseq NP_001132970

MIM 300070

UniProt ID Q92913

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