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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

FGF13 (Human) Recombinant Protein (P01)

Catalog Number: H00002258-P01

Regulation Status: For research use only (RUO)

Product Description: Human FGF13 full-length ORF (AAH34340, 1 a.a. - 245 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAAAIASSLIRQKRQAREREKSNACKCVSSPSKKGKTS
CDKNKLNVSFRVKLFGSKKRRRRRPEPQLKGIATKLY
SRQGYHLQLQADGTIDGTDKDEDSTYTLFNLIPVGLRVV
AIQGVQTKLYLAMNSEGYLYTSELFTPECKFKESVFEN
YYVTYSSMIYRQQQSGRWYLGLENKEGEIMKGDHVK
KNKPAAHFLPKPLKVAMYKEPSLHDLTEFSRSGSGTP
TKSRVSVGLNNGGKSMHNEST

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 52.69

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 2258

Gene Symbol: FGF13

Gene Alias: FGF2, FHF2

Gene 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 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]

References:

1. Fibroblast Growth Factor-10 Promotes Cardiomyocyte Differentiation from Embryonic and Induced Pluripotent Stem Cells. Chan SS, Li HJ, Hsueh YC, Lee DS, Chen JH, Hwang SM, Chen CY, Shih E, Hsieh PC. PLoS One. 2010 Dec 28;5(12):e14414.