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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

FUK (Human) Recombinant Protein (P01)

Catalog Number: H00197258-P01

Regulation Status: For research use only (RUO)

Product Description: Human FUK full-length ORF (NP_659496.2, 1 a.a. - 1084 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MEQPKGVDWTVIILTCQYKDSVQVFQRELEVRQKREQ
IPAGTLLLAVEDPEKRVGSGGATLNALLVAAEHL SARA
GFTVVTSDVLHSAWILILHMGRDFPFDDCGRAFTCLPV
ENPEAPVEALVCNLDCLLDIMTYRLGPGSPGVVWVCS
TDMLLSV PANPGISWDSFRGARVIALPGSPAYAQNHG
VYLTDPQGLVLDIYYQGTEAEIQRCVRPDGRVPLVSGV
VFFSVETAERLLATHVSPPLDACTYLGLDSGARPVQLS
LFFDILHCMAENVTRDFLVGRPPELGQGDADVAGYL
QSARAQLWREL RDQPLTMAYVSSGSYSYMTSSASEF
LLSLTLPGAPGAQIVHSQVEEQLLAAGSSVVSCLLEG
PVQLGPGSVLQHCHLQGPIHIGAGCLVTGLDTAHSKAL
HGREL RDLVLQGHHTRLHGSPGHAFTLVGRLD SWER
QGAGTYLNPVWSEFFKRTGVRAWDLWDPETLPAEYC
LPSARLFPVLHPSRELGPQDLLWMLDHQEDGG EALRA
WRASWRLSWEQLQPCLDRAATLASRRDLFFRQALHK
ARHVLEARQDLSLRPLIWA AVREGCPGPLLATLDQVA
AGAGDPGVAARALACVADVLGCM AEGRGLRSGPAA
NPEWMRPF SYLECGDLAAGVEALAQERDKWLSRPAL
LVRAARHYEGAGQILIRQAVMSAQHFVSTEQVELPGP
GQWVVAECPARVDFSGGWS DTPPLAYELGGAVLGLA
VRVDGRRPIGARARRIPEPELW LAVGPRQDEMTKIV
CRCLADLRDYCQPHAPGALLKAAFICAGIVHVHSELQL
SEQLLRTFGGGFELHTWSELPHGSG LGTSSILAGTALA
ALQRAAGR VVGTEALIHAVLHLEQVLT TGGGWQDQV
GGLMPGIKVGRSRAQLPLKVEVEE VTVPEGFVQKLND
HLLLVYTGKTRLARNLLQDVLRSWYARLPAVVQNAHS
LVRQTEECAEGFRQGS LPLL GQCLTSYWEQKKL MAP
GCEPLTVRRMMDVLAPHVHGQSLAGAGGGGFLYLLT
KEPQQKEALEAVLAKTEGLGNYSIHLVEVDTQGLSLKL
LGTEASTCCPPF

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 144

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: 197258

Gene Symbol: FUK

Gene Alias: 1110046B12Rik, FLJ39408

Gene Summary: The protein encoded by this gene belongs to the GHMP (galacto-, homoserine, mevalonate and phosphomevalonate) kinase family and catalyzes the phosphorylation of L-fucose to form beta-L-fucose 1-phosphate. This enzyme catalyzes the first step in the utilization of free L-fucose in glycoprotein and glycolipid synthesis. L-fucose may be important in mediating a number of cell-cell interactions such as blood group antigen recognition, inflammation, and metastasis. While several transcript variants may exist for this gene, the full-length nature of only one has been described to date. [provided by RefSeq]