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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PFKL (Human) Recombinant Protein (P01)

Catalog Number: H00005211-P01

Regulation Status: For research use only (RUO)

Product Description: Human PFKL full-length ORF (NP_001002021.1, 1 a.a. - 827 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MCNQGRGRESSRGGLHVQGSCRGLSRSPQQETGFA
KAPAGTDCFFHCSPGSRGQDRKEEVTSEPGGTSIM
SRLGGMNAAVRAVTRMGIYVGAQVFLIYEGYEGLV
GENIKQANWLSVSNIIQLGGTIIGSARCKAFTTREG
RRA AAYNLVQHGITNLCVIGDGLTGANIFRSEWGS
LLEE LVAEGKISSETTARTYSHLNIAGLVGSIDNDF
CGTDMTIG TDSALHRIMEVIDAITTAQSHQRTF
VLEVMGRHCGYL ALVSALASGADWLFPEAPP
EDGWENFM CERLGETRS RGSRLNIIIIAEGA
IDRNGKPISSSYVKDLVVQRLGFDTR VTVLGH
VQRGGTPSAFDRILSSKMGMEAVMALLEATP
DTPACVVTLSGNQSVRLPLMECVQMTKEVQKAM
DDK RFDEATQLRGGSFENNWNIIYKLLAHQPP
KEKSNFSL AILNVGAPAAAGMNAAVRSAVRTG
ISHGHTVYVVHDGF EGLAKGQVQEVGWHDVAG
WLGRGGSMLGKRTLPK GQLESIVENIRIYGIA
HALLVVGFEAYEGLVQLVEARGR YEELCIVM
CVIPATISNNVPGTDFSLGSDTAVNAAMES
CDRIKQSASGTRRRVFIVETMGGYCGYLATV
TGIAVGA DAAYVFEDPFNIHDLKVNVEHMT
EKMKTDIQRGLVLRN EKCHDYTTTEFLYNLY
SSEGKGVFDCRTNVLGHLQQG GAPTPFDRNY
GTKLGVKAMLWLSEKLREYVRKGRVF ANAPD
SACVIGLKKKAVAFSPVTELKKTDFEHRMPR
EQWWLSRLMLKMLAQYRISMAAYVSGELEHV
TRRTL SMDKGF

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 116.6

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: 5211

Gene Symbol: PFKL

Gene Alias: DKFZp686G1648, DKFZp686L2097, FLJ30173, FLJ40909, PFK-B

Gene Summary: Phosphofructokinase (PFK) is a tetrameric enzyme that catalyzes a key step in glycolysis, namely the conversion of D-fructose 6-phosphate to D-fructose 1,6-bisphosphate. Separate genes encode a muscle subunit (M) and a liver subunit (L). PFK from muscle is a homotetramer of M subunits, PFK from liver is a homotetramer of L-subunits, while PFK from platelets can be composed of any tetrameric combination of M and L subunits. The protein encoded by this gene represents the L subunit. Alternate splicing results in two transcript variants, one of which is a candidate for nonsense-mediated decay (NMD). [provided by RefSeq]