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Datasheet for ABIN1475560

## PFKFB3 Protein (AA 1-555) (His tag)

### Overview

Quantity:	1 mg
Target:	PFKFB3
Protein Characteristics:	AA 1-555
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PFKFB3 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MPLELTQSRV QKIWVPVDHR PSLPRSCGPK LTNSPTVIVM VGLPARGKTY ISKKLTRYLN</p> <p>WIGVPTKVFN VGEYRREAVK QYSSYNFFRP DNEEAMRVRK QCALAALRDV KSYLTKEGGQ</p> <p>IAVF DATNTT RERRHMILHF AKENDFKAFF IESVCDDPTV VASNIMEVKI SSPDYKDCNS</p> <p>AEAMDDFMKR INCYEASYQP LDPDKCDRDL SFIKVIDVGR RFLVNRVQDH IQSRIVYYLM</p> <p>NIHVQPRTIY LCRHGENEYN VQKGIGGDSG LSSRGKKFAN ALSKFVEEQN LKDLRVWTSQ</p> <p>LKSTIQTAEA LRLPYEQWKA LNEIDAGVCE ELTYEEIRDY YPEEYALREQ DKYYYYRYPTG</p> <p>ESYQDLVQRL EPVIMELERQ ENVLVICHQA VLRCLLAYFL DKSAEEMPYL KCPLHTVLKL</p> <p>TPVAYGCRVE SIYLNVESVS THRERSEAVK IQHFASVVRP SSYTELDFLS VESAKQDAKK</p> <p>GPNPLMRRNS VTPLASPEPT KKPRINSFEE HVASTSAAALP SCLPPEVPTQ LPGQPLLGA</p> <p>CLRTVCHIFS KFSPY</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

## Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: PFKFB3

Alternative Name: 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3 (Pfkfb3) ([PFKFB3 Products](#))

Background: Recommended name: 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3.  
Short name= 6PF-2-K/Fru-2,6-P2ase 3.  
Short name= PFK/FBPase 3.  
Alternative name(s): 6PF-2-K/Fru-2,6-P2ase brain-type isozyme RB2K Including the following 2 domains: 6-phosphofructo-2-kinase.  
EC= 2.7.1.105 Fructose-2,6-bisphosphatase.  
EC= 3.1.3.46

UniProt: [O35552](#)

Pathways: [AMPK Signaling, Regulation of Carbohydrate Metabolic Process](#)

## Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

## Handling

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Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.