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Datasheet for ABIN1474496

**PFKFB4 Protein (AA 1-469) (His tag)**

## Overview

Quantity:	1 mg
Target:	PFKFB4
Protein Characteristics:	AA 1-469
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PFKFB4 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MASPRELTQN PLKKIWMPYS NGRPALHASQ RGVCMTCNPT LIVMVGLPAR GKTYISKKLT RYLNWIGVPT REFNVGQYRR DMVKTYKSFE FFLPDNEEGL KIRKQCALAA LNDVRKFLSE EGGHVAVFDA TNTTRERRAM IFNFGEQNGY KTFFVESICV DPEVIAANIV QVKLGSPDYV NRDSDEATED FMRRIECYEN SYESLDEEQD RDSYIKIMD VGQSYVVNRV ADHIQSRIVY YLMNIHVTPT SIYLCRHGES ELNLKGRIGG DPGLSPRGRE FSKHLAQFIS DQNIKDLKVW TSQMKRTIQT AEALSVPYEQ WKVLNEIDAG VCEEMTYEEI QDHYPLEFAL RDQDKYRYRY PKGESYEDLV QRLEPVIMEL ERQENVLVIC HQAVMRCLA YFLDKAAEEL PYLKCPLHTV LKLTPVAYGC KVESIFLNVA AVNTHRDRPQ NVDISRPSEE ALVTVPAHQ
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

## Product Details

Purity: > 90 %

## Target Details

Target: PFKFB4

Alternative Name: 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 4 (Pfkfb4) ([PFKFB4 Products](#))

Background: Recommended name: 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 4.  
Short name= 6PF-2-K/Fru-2,6-P2ase 4.  
Short name= PFK/FBPase 4.  
Alternative name(s): 6PF-2-K/Fru-2,6-P2ase testis-type isozyme Including the following 2 domains: 6-phosphofructo-2-kinase.  
EC= 2.7.1.105 Fructose-2,6-bisphosphatase.  
EC= 3.1.3.46

UniProt: [P25114](#)

## 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 modiflicated 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

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to

## Handling

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one week

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Storage: -20 °C

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.