

Datasheet for ABIN7585490

PFKFB1 Protein (AA 2-471) (His tag)



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Overview

Quantity:	100 µg
Target:	PFKFB1
Protein Characteristics:	AA 2-471
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PFKFB1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>SQEMGELTQ TRLQKIWIPH NNGNSRLQRR RGSSIPQFTN SPTMVMVGL PARGKTYIST</p> <p>KLTRYLNWIG TPTKVFNLGQ YRREAVSYKN YEFFLPDNME ALLIRKQCAL AALKDVHSYL</p> <p>SHEEGRVAVF DATNTTRERR SLILQFAKEH GYKVFFIESI CNDPDVIAEN IRQVKLGSPD</p> <p>YIDCDREKVL EDFLKRIECY EVNYQPLDDE LDSHLSYIKI FDVGTRYMVN RVQDHIQSRT</p> <p>VYYLMNIHVT PRSIYLCRHG ESELNLRGRI GGDSGLSARG KQYAYALANF IQSQGISSLK</p> <p>VGTSHEMKRTI QTAEALGLPY EQWKALNEID AGVCEEMTYE EIQEHYPPEEF ALRDQDKYRY</p> <p>RYPKGESYED LVQRLEPVIM ELERQENLV ICHQAVMRCL LAYFLDKSSD ELPYLCPLH</p> <p>TVLKLTPVAY GCKVESIYLN VEAVENTHREK PENVDITREP EEALDTPPAH Y</p>
Specificity:	Bos taurus (Bovine)
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: PFKFB1

Alternative Name: 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1 (PFKFB1) ([PFKFB1 Products](#))

Background: Recommended name: 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1.
Short name= 6PF-2-K/Fru-2,6-P2ase 1.
Short name= PFK/FBPase 1.
Alternative name(s): 6PF-2-K/Fru-2,6-P2ase liver 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: [P49872](#)

Pathways: [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

Buffer: Tris-based buffer, 50 % glycerol

Handling

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.