

Datasheet for ABIN7585494
PFKL Protein (AA 2-780) (His tag)



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Overview

Quantity:	100 µg
Target:	PFKL
Protein Characteristics:	AA 2-780
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PFKL protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ATVDLEKLR MSGAGKAIGV LTSGGDAQGM NAAVRAVTRM GIYVGAKVFL IYEGYEGLVE GGENIKPANW LSVSNIIQLG GTIIGSARCK AFTTREGRLA AAYNLLQHGI TNLCVIGGDG SLTGANIFRN EWGSLLEELV KEGKISESTA QNYAHLISIAG LVGSIDNDFC GTDMTIGTDS ALHRIMEVID AITTTAQSHQ RTFVLEVMGR HCGYLALVSA LASGADWLFI PEAPPEDGWE NFMCERLGET RSRGSRLNII IIAEGAIDRH GKPISSSYVK DLVVQRLGFD TRVTVLGHVQ RGGTPSAFDR VLSSKMGMEA VMALLEATPD TPACVVSLSG NQSVRLPLME CVQVTKDVQK AMDEKRFDEA IQLRGRSFEN NWKIYKLLAH QKVSKEKSNF SLAILNVGAP AAGMNAAVRS AVRTGISEGH TVYVVHDGFE GLAKGQVQEV GWHDVAGWLG RGGSM LGTKR TLPKPHLEAI VENLRTYNIH ALLVIGGFEEA YEGVLQLVEA RGRYEELCIV MCVIPATISN NVPGTDFSLG SDTAVNAAME SCDRIKQSAS GTKRRVFIVE TMGGYCGYLA TVTGIAVGAD AAYVFEDPFN IHD LKANVEH MTEKMKTDIQ RGLVLRNEKC HEHYTTEFLY NLYSSEGRGV FDCRTNVLGH LQQGGAPTPF DRNYGTKLGV KAMLWMSEKL RDVYRKGRVF ANAPDSACVI GLRKKVVAFS
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Product Details

SVTELKKETD FEHRMPREQW WLNLRMLMKM LAHYRISMAD YVSGELEHVT RRTLSIDKGF

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.

Purity: > 90 %

Target Details

Target: PFKL

Alternative Name: 6-phosphofructokinase, liver type (Pfk1) ([PFKL Products](#))

Background: Recommended name: 6-phosphofructokinase, liver type.
EC= 2.7.1.11.
Alternative name(s): Phosphofructo-1-kinase isozyme B.
Short name= PFK-B Phosphofructokinase 1 Phosphohexokinase

UniProt: [P30835](#)

Pathways: [Negative Regulation of Hormone Secretion, Warburg Effect](#)

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

Handling

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