

Datasheet for ABIN7585495
PFKP Protein (AA 1-788) (His tag)



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Overview

Quantity:	100 µg
Target:	PFKP
Protein Characteristics:	AA 1-788
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PFKP protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSDQDSSTSS TSFPKYLEHL SGDGAIGVL TSGGDAQGMN AAVRAVVRMG IYTGAKVYFI YEGYQGMVDG GSNIVEAKWE CVSSILQVGG TIIGSARCQA FRSREGRLKA ACNLVRLGIT NLCVIGGDGS LTGANLFRKE WSGLLEELAK NGEIDSDTVK KHAYLNVVGM VGSIDNDFCG TDMTIGTDSA LHRIIEVVDA IMTTAQSHQR TFVLEVMGRH CGYLALVSAL ACGADWWFLP ESPPEEGWEE EMCLKLSENR ARKKRLNIII VSEGAIDTQN KPITSEKIKE LVVTNLGFDT RVTILGHVQR GGTPSAFDRI LASRMGVEAV LALLEATPET PACVVSRLGN QAVRLPLMEC VQMTQDVQKA MDERRFDEAV KLRGRSFEGN LNTYKRLAIK EPDDKIPKSN CNVAIINVGA PAAGMNAAVR SAVRVGIAEG HKMFAIYDGF DGLANGQIKE IGWGDVGGWT GQGGGILGTK RTLPGKYLEK IAEQMHSKNI NALLIIGGFE AYLGLLELAA ARNKHEAFVCV PMVMVPATVS NNVPGSDFSI GADTALNTIT DTCDRIKQSA SGTKRRVFII ETMGGYCYGL ANMGGLAAGA DAAYIFEEQF DIRDLQSNVM HLTEKMKTSI QRGLVLRNEN CSVNYTTDFI QLYSEEGKG VFDCRKNVLG HMQQGGAPSP FDRNFGTKIS AKAMEWISAK LKGSHTGKK FVSDDSIICVL
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Product Details

GIQKRDLLFK PVAELRKATD FEHRIPKQW WLKLRPIMKI LAKYEASYDM SDVGKLEPVH
NHGELSAI

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: PFKP

Alternative Name: 6-phosphofructokinase type C (Pfkp) ([PFKP Products](#))

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

UniProt: [P47860](#)

Pathways: [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.