Datasheet for ABIN1475995

PKM Protein (AA 2-531) (His tag)

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Overview

Quantity:	1 mg
Target:	PKM
Protein Characteristics:	AA 2-531
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PKM protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	PKPDSEAGT AFIQTQQLHA AMADTFLEHM CRLDIDSAPI TARNTGIICT IGPASRSVEM LKEMIKSGMN VARLNFSHGT HEYHAETIKN VRAATESFAS DPILYRPVAV ALDTKGPEIR TGLIKGSGTA EVELKKGATL KITLDNAYME KCDENILWLD YKNICKVVEV GSKIYVDDGL ISLQVKEKGA DYLVTEVENG GSLGSKKGVN LPGAAVDLPA VSEKDIQDLK FGVEQDVDMV FASFIRKAAD VHEVRKVLGE KGKNIKIISK IENHEGVRRF DEILEASDGI MVARGDLGIE IPAEKVFLAQ KMMIGRCNRA GKPVICATQM LESMIKKPRP TRAEGSDVAN AVLDGADCIM LSGETAKGDY PLEAVRMQHL IAREAEAAVF HRLLFEELAR ASSQSTDPLE AMAMGSVEAS YKCLAAALIV LTESGRSAHQ VARYRPRAPI IAVTRNPQTA RQAHLYRGIF PVLCKDAVLD AWAEDVDLRV NLAMNVGKAR GFFKKGDVVI VLTGWRPGSG FTNTMRVVPV P
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	PKM
Alternative Name:	Pyruvate kinase isozymes M1/M2 (Pkm2) (PKM Products)
Background:	Recommended name: Pyruvate kinase isozymes M1/M2. EC= 2.7.1.40. Alternative name(s): Pyruvate kinase muscle isozyme
UniProt:	P11980
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 modificated 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 one week
Storage:	-20 °C

Handling

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

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