

Datasheet for ABIN1662717
PKLR Protein (AA 1-499) (His tag)



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Overview

Quantity:	1 mg
Target:	PKLR
Protein Characteristics:	AA 1-499
Origin:	Trypanosoma brucei
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PKLR protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSQLEHNIGL SIFEPVAKHR ANRIVCTIGP STQSVEALKN LMKSGMSVAR MNFSHGSHEY HQTINNVR A AAELGLHIG IALDTKGPEI RTGLFKDGEV SFAPGDIVCV TTDPAYEKVG TKEKFYIDYP QLTNAVRPGG SIYVDDGVM T LRVVSKEDDR TLKCHVNNHH RLTDRRGINL PGCEVDLPAV SEKDRKDLEF GVAQGVD MIF ASFIRTAEQV REVRAALGEK GKDILIISKI ENHQGVQNI D SIIEASNGIM VARGDLGVEI PAEKVCVAQM CIISKCNVVG KPVICATQML ESMTSNPRPT RAEVSDVANA VLNGADCVML SGETAKGKYP NEVVQYMARI CVEAQSATHD TVMFNSIKNL QKIPMCPEEA VCSSAVASAF EVQAKAMLVL SNTGRSARLI SKYRPNCP II CVTTRLQTCR QLNVT RSVVS VFYDAAKSGE DKDKERVKL GLDFAKKEY ASTGDVVVVV HADHSVKGYP NQTRLIYLP
Specificity:	Trypanosoma brucei brucei
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: PKLR

Alternative Name: Pyruvate kinase 1 (PYK1) ([PKLR Products](#))

Background: Recommended name: Pyruvate kinase 1.
Short name= PK 1.
EC= 2.7.1.40

UniProt: [P30615](#)

Pathways: [Ribonucleoside Biosynthetic 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 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 one week

Storage: -20 °C

Handling

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