

Datasheet for ABIN7479090
PKLR Protein (AA 1-574) (His tag)



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Overview

Quantity:	100 µg
Target:	PKLR
Protein Characteristics:	AA 1-574
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PKLR protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSVQENTLPQ QLWPWIFRSQ KDLAKSALSG APGGPAGYLR RASVAQLTQE LGTAFFQQQQ LPAAMADTFL EHLCLLDIDS QPVAARSTSI IATIGPASRS VDRLKEMIKA GMNIARLNFS HGSHEYHAES IANIREATES FATSPLSYRP VAIALDTKGP EIRTGVLQGG PESEVEIVKG SQVLVTVDPK FQTRGDAKTW WVDYHNITRV VAVGGRIYID DGLISLVVQK IGPEGLVTEV EHGGILGSRK GVNLPNTEVD LPGLSEQDLL DLRFGVQHNH DIIFASFVRK ASDVLAVRDA LGPEGQNIKI ISKIENHEGV KKFDEILEVS DGIMVARGDL GIEIPAEKVF LAQKMMIGRC NLAGKPVVCA TQMLESMTK ARPTRAETSD VANAFLDGAD CIMLSGETAK GSFPVEAVMM QHAIAREAEA AVYHRQLFEE LRRAPLSRD PTEVTAIGAV EASFKCCAAA IIVLTKTGRS AQLLSQYRPR AAVIAVTRSA QAARQVHLR GVFPLLYREP PEAIWADDVD RRVQFGIESG KLRGFLRVGD LVIVVTGWRP GSGYTNIMRV LSVS
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

Target Details

Target: PKLR

Alternative Name: Pyruvate kinase isozymes R/L (Pklr) ([PKLR Products](#))

Background: Recommended name: Pyruvate kinase isozymes R/L.
EC= 2.7.1.40.

Alternative name(s): L-PK

UniProt: [P12928](#)

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 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 Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Handling

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