

Datasheet for ABIN7563435
PKLR Protein (AA 1-574) (His tag)



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Overview

Quantity:	1 mg
Target:	PKLR
Protein Characteristics:	AA 1-574
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PKLR protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Pklr Protein expressed in mammalian cells.
Sequence:	MSVQENELPQ QLWPWIFKSQ KDLAKSALSG APGGPAGYLR RASVAQLTQE LGTAFFQQQQ LPAAMADTFL EHLCLLDIDS EPVAARSTSI IATIGPASRS VDRLKEMIKA GMNIARLNFS HGSHEYHAES IANIREAAES FATSPLSYRP VAIALDTKGP EIRTGVLQGG PESEVEIVKG SQVLVTDPK FRTRGDAKTW WVDYHNITQV VAVGGRIYID DGLISLVVRK IGPEGLVTEV EHGGFLGNRK GVNLPNAEVD LPGLSEQDLL DLRFGVEHYV DIIFASFVRK ASDVVAVRDA LGPEGRGIKI ISKIENHEGV KKFDEILEVS DGIMMARGDL GIEIPAEKVF LAQKMMIGRC NLAGKPVVCA TQMLSEMITK ARPTRAETSD VANAVLDGAD CIMLSGETAK GSFPVEAVKM QHAIAREAEA AVYHRQLFEE LRRAPLSRD PTEVTAIGAV EASFKCCAAA IIVLTKTGRS AQLLSRYRPR AAVIAVTRSA QAARQVHLR GVFPLLYREP PEAVWADDVD RRVQFGIESG KLRGFLRVGD LVIWVTGWRP GSGYTNIMRV LTIS Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity

of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins. • State-of-the-art algorithm used for plasmid design (Gene synthesis). This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein. If you are not interested in a full length protein, please contact us for individual protein fragments. The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	PKLR
Alternative Name:	Pklr (PKLR Products)
Background:	Pyruvate kinase PKLR (EC 2.7.1.40) (L-PK) (Pyruvate kinase isozymes L/R),FUNCTION: Pyruvate kinase that catalyzes the conversion of phosphoenolpyruvate to pyruvate with the synthesis of ATP, and which plays a key role in glycolysis. {ECO:0000250 UniProtKB:P30613}.
Molecular Weight:	62.3 kDa
UniProt:	P53657
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
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Application Details

as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months