Recombinant Rat PKLR Protein (1-574 aa), His-tagged

Cat. No. PKLR-721R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat PKLR Protein (1-574 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	Rat
Source	E.coli
ProteinLength	1-574 aa
Description	Plays a key role in glycolysis.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	66.2 kDa
AA Sequence	MSVQENTLPQQLWPWIFRSQKDLAKSALSGAPGGPAGYLRRASVAQLTQELGTAF FQQQQLPAAMADTFLEHLCLLDIDSQPVAARSTSIIATIGPASRSVDRLKEMIKAGMNI ARLNFSHGSHEYHAESIANIREATESFATSPLSYRPVAIALDTKGPEIRTGVLQGGPE SEVEIVKGSQVLVTVDPKFQTRGDAKTVWVDYHNITRVVAVGGRIYIDDGLISLVVQK IGPEGLVTEVEHGGILGSRKGVNLPNTEVDLPGLSEQDLLDLRFGVQHNVDIIFASFV RKASDVLAVRDALGPEGQNIKIISKIENHEGVKKFDEILEVSDGIMVARGDLGIEIPAEK VFLAQKMMIGRCNLAGKPVVCATQMLESMITKARPTRAETSDVANAVLDGADCIMLS GETAKGSFPVEAVMMQHAIAREAEAAVYHRQLFEELRRAAPLSRDPTEVTAIGAVEA SFKCCAAAIIVLTKTGRSAQLLSQYRPRAAVIAVTRSAQAARQVHLSRGVFPLLYREP

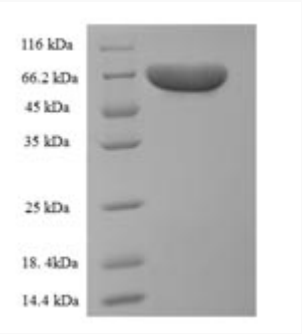
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	PEAIWADDVDRRVQFGIESGKLRGFLRVGDLVIVVTGWRPGSGYTNIMRVLSVS
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name	Pklr pyruvate kinase, liver and RBC [Rattus norvegicus]
Official Symbol	PKLR
Synonyms	PKLR; L-PK; PK1; PKL; Pklg;
Gene ID	24651
mRNA Refseq	NM_012624
Protein Refseq	NP_036756
UniProt ID	P12928

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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