

Recombinant Rat Pyruvate kinase isozymes R,L(PkIr)

Catalog No: #AP70638

Package Size: #AP70638-1 20ug #AP70638-2 100ug #AP70638-3 1mg

Description

Product Name	Recombinant Rat Pyruvate kinase isozymes R,L(PkIr)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-574aaSequence Info:Full Length
Other Names	L-PKPyruvate kinase isozymes L,R
Accession No.	P12928
Calculated MW	66.2 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MSVQENTLPQQLWPWFIRSQKDLAKSALSGAPGGPAGYLRRASVAQLTQELGTAFFQQQQLPAAMADTFLE HLCLLDIDSQPVAARSTSIATIGPASRSVDRLKEMIKAGMNIARLNFSHGSHEYHAESIANIREATESFATSPLS YRPVAIALDTKGPEIRTGVLQGGPESEVEIVKGSQVLVTDPKFQTRGDAKTVWVDYHNITRVVAVGGRIYIDD GLISLVVQKIGPEGLVTEVEHGGILGSRKGVNLPNTEVDLPGLSEQDLLDLRFGVQHNVDIIFASFVRKASDVLA VRDALGPEGQNIKIISKIENHEGVKKFDEILEVSDGIMVARGDLGIEIPAEKVFLAQKMMIGRCNLAGKPVVCAT QMLESMTKARPTRAETSDVANAVLDGADCIMLSGETAKGSFPVEAVMMQHAIAAREAEAAVYHRQLFEELRRA APLSRDPTEVTAIGAVEASFKCCAAAIIVLTKTGRSAQLLSQYRPRAAVIAVTRSAQAARQVHLSRGVFPLLYRE PPEAIWADDVDRRVQFGIESGKLRGFLRVGDLVIVVTGWRPGSGYTNIMRVLSVS
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Plays a key role in glycolysis.

References

The L- and R-type isozymes of rat pyruvate kinase are produced from a single gene by use of different promoters.Noguchi T., Yamada K., Inoue H., Matsuda T., Tanaka T.J. Biol. Chem. 262:14366-14371(1987) Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.