

Recombinant Human Pyruvate kinase isozymes R,L(PKLR)

Catalog No: #AP70637

Package Size: #AP70637-1 20ug #AP70637-2 100ug #AP70637-3 1mg

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Description

Product Name	Recombinant Human Pyruvate kinase isozymes R,L(PKLR)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-574aaSequence Info:Full Length
Other Names	Pyruvate kinase 1;Pyruvate kinase isozymes L,RR-type,L-type pyruvate kinaseRed cell,liver pyruvate kinase
Accession No.	P30613
Calculated MW	65.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MSIQENISSLQLRSWVSKSQRDLAKSILIGAPGGPAGYLRRASVAQLTQELGTAFFQQQQLPAAMADTFLEHL CLLDIDSEPVAARSTSIATIGPASRSVERLKEMIKAGMNIARLNFSHGSHEYHAESIANVREAVESFAGSPLSYR PVAIALDTKGPEIRTGILQGGPESEVELVKGSQVLVTVDPAFRTRGNANTVWVDYPNIVRVVPVGGRIYIDDGLI SLVVQKIGPEGLVTQVENGGLVLSRGVNLPGAQVDLPGLSEQDVRDLRFGEHGVDFVASFVRKASDVAA VRAALGPEGHGIIKIENHEGVKRFDEILEVSDGIMVARGDLGIEIPAEKVFLAQKMMIGRCNLAKGPVVCAT QMLESMITKPRPTRAETSDVANAVLDGADCIMLSGETAKGNFPVEAVKMQHAIAREAEAAVYHRQLFEELRRA APLSRDPTEVTAIGAVEAAFKCCAAAIIVLTTTGRSAQLLSRYRPRAAVIAVTRSAQAARQVHLCRGVFPLLYRE PPEAIWADDVDRRVQFGIESGKLRGFLRVGDLVIVVTGWRPGSGYTNIMRVLIS
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

Initial characterization of the human central proteome.Burkard T.R., Planyavsky M., Kaupe I., Breitwieser F.P., Buerckstuegger T., Bennett K.L., Superti-Furga G., Colinge J.BMC Syst. Biol. 5:17-17(2011)Research Topic:Metabolism

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