

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

PKLR, 47-574aa, Human, His tag, E.coli

产品货号: TP03420

第三版

别名: Pyruvate kinase isozymes R/L, PK1, PKL, PKR, PKRL, RPK.

描述: PKLR is a pyruvate kinase that catalyzes the transphosphorylation of phosphoenolpyruvate into pyruvate and ATP, which is the rate-limiting step of glycolysis. The PKLR gene encodes the L- and R-type isoenzymes through alternative splicing events under the control of different promoters. The L-type isoform also exists as a tetramer and is upregulated by glucose with implications in maturity-onset diabetes of the young.

配方: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 1mM DTT, 10% glycerol

分子量: 59.2 kDa (549aa), confirmed by MALDI-TOF

序列:

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MGSSHHHHHHSSGLVPRGSHMLTQELGTAFFQQQLPAAMADTFLEHLCLLDIDSEPVAARSTSIATIGPASRSVERLKE
MIKAGMNIARLNFSHGSHEYHAESIANVREAVESFAGSPLSYRPAIALDTKGPEIRTGILQGGPESEVELVKGSQVLVTVD
PAFRTRGNANTVWVDYPNIVRVVPVGGRIYIDDGLISLVVQKIGPEGLVTQVENGGVLGSRKGVNLPGAQVDLPLGLSEQ
DVRDLRFGVEHGVDIVFASFVRKASDVAAVRAALGPEGHGIKIISKIENHEGVKRFDEILEVSDGIMVARGDLGIEIPAQKV
FLAQKMMIGRCNLGKPVVCATQMLESMTKPRPTRAETSDVANAVLDGADCIMLSGETAKGNFPVEAVKMQHAIARE
AEAAVYHRQLFEELRRAAPLSRDPTEVTAIGAVEAAFKCCAAAIIVLTTTGRSAQLLSRYRPRAAVIAVTRSAQAARQVHL
CRGVFPLLYREPPEAIWADDVDRRVQFGIESGKLRGFLRVGDLVIVVTGWRPGSGYTNIMRVLSIS
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纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.