

## Product datasheet for **TP726953**

### Pyruvate Kinase (PKLR) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Pyruvate Kinase, Liver And RBC/PKLR (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Met1-Ser574
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM Tris-HCl, 1mM DTT 0.2M NaCl, 10% Glycerol, pH 8.0.
Note:	Recombinant Human Pyruvate Kinase, Liver And RBC is produced by our Mammalian expression system and the target gene encoding Met1-Ser574 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	5313
UniProt ID:	<a href="#">P30613</a>
Summary:	Pyruvate Kinase Isozymes R/L (PKLR) belongs to the pyruvate kinase family, There are 4 isozymes of pyruvate kinase in mammals: L, R, M1 and M2. L type is major isozyme in the liver; R is found in red cells; M1 is the main form in muscle, heart and brain; M2 is found in early fetal tissues. PKLR exists as a homotetramer and catalyzes the production of phosphoenolpyruvate from pyruvate and ATP. Defects in PKLR are also the cause of pyruvate kinase deficiency of red cells, which is a frequent cause of hereditary non-spherocytic hemolytic anemia.



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