

Product datasheet for **SC213726**

Pyruvate Kinase (PKLR) (NM_181871) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Pyruvate Kinase (PKLR) (NM_181871) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PKLR
Synonyms: PK1; PKL; PKRL; RPK
ACCN: NM_181871
Insert Size: 1309 bp
Insert Sequence: >SC213726 3'UTR clone of NM_181871
The sequence shown below is from the reference sequence of NM_181871. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AACATCATGCGGGTGCTAAGCATATCTGAGACGCCCTCCCTCCTCTGGCCAGCCTACCTTGTACC
CCATCCCTTCTCCCCAGTCTACGTTCTCCAGCCACACCCTCCAAAGCCCCACCTTTAAGTCTCTC
TTCTCTATTCTGACCCTCCCTACCTGAGGCCTATCTGAGACTATAACTGTCATCTAGCCCTTCGAGG
TTGCCCTTCCCATCTCCATTTACACAGGTCCTGAAAGTCTGTGTCCAATTATGCACTGGCCACCCA
ACAGCACCAATTGTACATTCCCTGCATCCAATCTGCTCAGCAGGCCCTAAGATGCCTTGAGTCTTTAAT
CCCAGTTTGGCTGGTTAATTCCATAACCCAGGCATCCCATCCCTTGGGGTGGGGGAGAGGGGAGACAG
GGCAATCTTGCCACAGTCTCCATTCTCATATGTAGCCCTCATGATAATCTGGGCATCTCGTGCCAGG
GCAGGCTACCCCTTCATGGTGACTAACAGTTACATGAAAGTCCACGCTTTTGGGAAAAGTGGGTGGGAT
GGATGCTGGGGAGAAGTGAGGGCTGGGCAGCTGATTTTGTCACTGTCTTCAACCTCCGTGCTGGGCT
TGTAGACCACTGTCTGGCTGCTCATGCCTGCCTGATACCCTGCTTGGTCAAATCCCCGGCTGCTTC
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TGCTATTTTATATTTAAACCCAGCTGTTTGAAGCAATTATAAACTTCTCCCACACACCAAGAACCC
CAGAACTCCCCACCCAGAAGGAAAGGAGACTTAGGGTCCCTGGTCCCACAGTCTTTAATGCTGTAGAGTA
GGAGAGGGGACAGGCAGAGTGAGGGTGGTAAAGGACTACTTGTCCCTGAGAAGGCAGAGGTGCTGGC
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AAGGAAAAACAAAACAAAACCTAAAGGTAACGCGGTCTTCTCCCTCTCTCATGTGGCTCCTCCTG
CCCCTACCTGGGAGAAGGTTCAAGTATTGCGCTGATGGGTTTGGCAAGGACCACAGAGGCTGGCATGG
AGAGGCCCTGCCCTCCTACTCCTCTGTCTCCTTACCTGAAAAGGAGGGGAGGATGGATAAAGGAA
TGGGTAACAAAATTAATTGGTAACACATAAAGTTAGTAAATGAATAAATACAATTAATAAATGAA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_181871.4</u>
Summary:	The protein encoded by this gene is a pyruvate kinase that catalyzes the transphosphorylation of phosphoenolpyruvate into pyruvate and ATP, which is the rate-limiting step of glycolysis. Defects in this enzyme, due to gene mutations or genetic variations, are the common cause of chronic hereditary nonspherocytic hemolytic anemia (CNSHA or HNSHA). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Locus ID:	5313
MW:	48.2