

Product datasheet for **RN203014**

Pklr (NM_012624) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pklr (NM_012624) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pklr
Synonyms:	PK1; PKL; Pklg
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203014 representing NM_012624
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGGGCCAGCGGGATACCTTCGACGTGCGAGTGTGGCTCAACTGACCCAGGAGCTGGGCACTGCCT
 TCTTCCAGCAGCAGCAACTGCCCGCAGCTATGGCGGACACCTTCCTGGAACACCTCTGCCTTCTGGATAT
 CGACTCACAGCCTGTGGCTGCTCGTAGCACCAGCATCATTGCCACCATTGGGCCAGCATCCCCTCTGTG
 GACCGCTCAAGGAGATGATCAAAGCAGGGATGAACATTGCACGACTCAACTTCTCCCATGGCTCCCATG
 AGTACCATGCAGAATCCATCGCCAACATCCGGGAGGCAACTGAGAGTTTTGCAACCTCCCCTCAGCTA
 CAGACCTGTGGCCATCGCCCTGGACACCAAGGGACCTGAGATACGAACCGGAGTCTTGCAGGGGGTCCG
 GAGTCGGAGGTGAAATGTGAAGGGCTCACAGGTGCTGGTACGGTGGACCCGAAGTTCAGACAAGGG
 GCGATGCAAAGACAGTGTGGGTGGACTACCACAATATCACCCGGTCTTGCAGTGGGGGCCGATCTA
 CATTGACGACGGCTCATCTCCTTAGTGGTACAGAAAATCGGCCAGAGGGACTGGTACAGAAGTGGAG
 CACGGTGTATCTTGGGACGAGGAAGGGTGTGAACCTTGCCAAACACTGAGGTGGACCTGCCCGGGCTGT
 CTGAGCAAGACCTTTTGGATCTGCGCTTCGGGGTGCAGCATAATGTGGACATCATCTTGGCTCCTTTGT
 GCGGAAAGCCAGTGACGTGTTAGCAGTCCGGGATGCCCTGGGGCCAGAAGGACAGAACATCAAAATTATC
 AGCAAAATCGAGAACCATGAAGGCGTGAAGAAGTTTGTGAAATCTAGAAAGTGAGCGATGGCATCATGG
 TGGCACGGGGTGACCTGGGCATTGAGATCCCTGCGGAGAAGGTTTTCTTGGCTCAGAAGATGATGATTGG
 ACGCTGCAACCTGGCCGGCAAGCCTGTCGTTTGTGCCACACAGATGCTGGAGAGCATGATCACTAAGGCT
 CGACCAACTCGGGCGGAGACAAGCGATGTGGCCAATGCCGTGCTGGATGGGGCTGACTGTATCATGTGT
 CCGGAGAGACCGCAAGGGCAGTTTTCTGTGGAAGCTGTAATGATGCAACATGCGATTGCGCGGGAGGC
 AGAGGCCGCTGTGTACCACCGCCAGTTGTTTGGAGAGCTACGCCGGCAGCGCCGCTGAGCCGTGACCCCA
 ACTGAGGTCACTGCGATTGGAGCCGTGGAGGCTTCCTTCAAGTGTGTGCAGCAGCCATCATCGTGTGA
 CGAAGACTGGCCGTTTCCAGCCAGCTTCTATCTCAATACCGACCTCGGGCGGCTGTCATTGCTGTGACTCG
 ATCTGCCAGGCTGCCCGACAGGTCCACCTGTCCCGAGGAGTCTTCCCCTTGTCTACCCTGAGCCTCCA
 GAGGCCATCTGGGAGATGATGTGGATCGAAGGGTCCAATTTGGCATTGAAAGTGGAAAGCTCCGTGGTT
 TCCTCCGTGTGGGTGATCTGGTATTGTGGTACAGGTTGGCGGCTGGCTCTGGCTATACCAACATCAT
 GCGGGTGTGAGCGTATCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_012624

Insert Size: 1632 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_012624.3](#), [NP_036756.3](#)

RefSeq Size: 2922 bp

RefSeq ORF: 1632 bp

Locus ID: 24651

UniProt ID: [P12928](#)

Cytogenetics: 2q34

Gene Summary: L-isozyme of pyruvate kinase; catalyzes the conversion of ATP and pyruvate to ADP and phosphoenolpyruvate in glycolysis [RGD, Feb 2006]