

Product datasheet for **RC206455A1V**

Human Pyruvate Kinase (PKLR) (NM_000298) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Pyruvate Kinase (PKLR) (NM_000298) AAV Particle
Tag:	Myc-DDK
Symbol:	PKLR
Synonyms:	PK1; PKL; PKRL; RPK
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC206455 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTCGATCCAGGAGAACATATCATCCCTGCAGCTTCGGTCATGGGTCTCTAAGTCCCAAAGAGACTTAG
 CAAAGTCCATCCTGATTGGGGCTCCAGGAGGGCCAGCGGGTATCTGCGCGGGCCAGTGTGGCCCAACT
 GACCCAGGAGCTGGGCACTGCCTTCTCCAGCAGCAGAGCTGCCAGCTGCTATGGCAGACACCTTCCTG
 GAACACCTCTGCCTACTGGACATTGACTCCGAGCCCGTGGCTGCTCGCAGTACCAGCATCATTGCCACCA
 TCGGGCCAGCATCTCGCTCCGTGGAGCGCCTCAAGGAGATGATCAAGGCCGGGATGAACATTGCGCGACT
 CAATTCTCCACGGCTCCACGAGTACCATGCTGAGTCCATCGCCAACGTCCGGGAGGCGGTGGAGAGC
 TTTGCAGGTTCCCACTCAGTACCGGCCCGTGGCCATCGCCCTGGACACCAAGGGACCGGAGATCCGCA
 CTGGGATCCTGCAGGGGGTCCAGAGTCCGAAGTGGAGCTGGTGAAGGGCTCCAGGTGCTGGTACTGT
 GGACCCCGCGTTCGGACGCGGGGAACGCAACACCGTGTGGGTGGACTACCCAATATTGTCCGGGTC
 GTGCCGTGGGGGGCCGATCTACATTGACGACGGGCTCATCTCCCTAGTGGTCCAGAAAATCGGCCAG
 AGGGACTGGTGACCAAGTGGAGAACGGCGGCGTCTGGGCAGCCGGAAGGGCGTGAAGTGGCAGGGGC
 CCAGGTGGACTTGCCCGGGCTGTCCGAGCAGGACGTCCGAGACCTGCGCTTCGGGGTGGAGCATGGGGTG
 GACATCGTCTTTGCCCTCTTTGTGCGGAAAGCCAGCGACGTGGCTGCCGTGAGGGCTGCTCTGGGTCCGG
 AAGGACACGGCATCAAGATCATCAGCAAAATTGAGAACCACGAAGGCGTGAAGAGGTTTGTGAAATCCT
 GGAGGTGAGCGACGGCATCATGGTGGCAGGGGGGACCTAGGCATCGAGATCCAGCAGAGAAGGTTTTC
 CTGGCTCAGAAGATGATGATTGGGCGCTGCAACTTGGCGGGCAAGCCTGTTGTCTGTGCCACACAGATGC
 TGGAGAGCATGATTACCAAGCCCCGGCCAACGAGGGCAGAGACAAGCGATGTGCCAATGCTGTGCTGGA
 TGGGGCTGACTGCATCATGCTGTGAGGGGAGACTGCCAAGGGCAACTTCCCTGTGGAAGCGGTGAAGATG
 CAGCATGCGATTGCCCGGAGGAGAGGCGCAGTGTACCACCGCAGCTGTTTGAGGAGCTACGTCGGG
 CAGCGCCACTAAGCCGTGATCCCACTGAGGTACCGCCATTGGTGTGTGGAGGCTGCCTCAAGTGCTG
 TGCTGTGCCATCATTGTGCTGACCACAACCTGGCCGCTCAGCCAGCTTCTGTCTCGGTACCGACCTCGG
 GCAGCAGTCATTGCTGTACCCGCTCTGCCAGGCTGCCCGCCAGGTCCACTTATGCCGAGGAGTCTTCC
 CCTTGCTTTACCGTGAACCTCCAGAAGCCATCTGGGCAGATGATGTAGATCGCCGGGTGCAATTTGGCAT
 TGAAAGTGAAAGCTCCGTGGCTTCTCCGTGTTGGAGACCTGGTGATTGTGGTGACAGGCTGGCGACCT
 GGCTCCGGCTACACCAACATCATGAGGGTGCTAAGCATATCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206455 protein sequence
 Red=Cloning site Green=Tags(s)

MSIQENISSQLRSWVSKSQRDLAKSILIGAPGGPAGYLRRASVAQLTQELGTAFFQQQLPAAMADTFL
 EHLCLLDIDSEPVAARSTSIATIGPASRSVERLKEMIKAGMNIARLNFSGSHEYHAESIANVREAVES
 FAGSPLSYRPVAIALDTKGPEIRTGILQGGPESEVELVKGSQVLVTVDPAFRTRGNANTVWVDYPNIVRV
 VPGGRIYIDDLISLVQKIGPEGLVTQVENGVLGSRKGVNLPGAQVDLPGLSEQDVRDLRFVGEHGV
 DIVFASFVRKASDVAAVRAALGPEGHGKIISKIENHEGVKRFDEILEVSDGIMVARGDLGIEIPAENVF
 LAQKMMIGRCNLGKPVVCAATQMLESMITKPRPTRAETSDVANAVLDGADCMILSGETAKGNFPVEAVKM
 QHAIAREAEAAVYHRQLFEELRRAAPLSRDPTVTAIGAVEAAFKCCAAAIIVLTTTGRSAQLLSRYRPR
 AAVIAVTRSAQAARQVHLCRGVFPLL YREPPEAIWADDVDRRVQFGIESGKLRGLRVGDLVIVVTGWRP
 GSGYTNI MRVLSIS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_000298
ORF Size:	1722 bp
Buffer:	PBS with 0.001% Pluronic F5892
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_000298.4</u>
RefSeq Size:	3053 bp
RefSeq ORF:	1725 bp
Locus ID:	5313
UniProt ID:	<u>P30613</u>
Cytogenetics:	1q22
MW:	61.8 kDa