

Product datasheet for **RC213583A1V**

Human MYLK2 (NM_033118) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MYLK2 (NM_033118) AAV Particle
Tag:	Myc-DDK
Symbol:	MYLK2
Synonyms:	KMLC; MLCK; MLCK2; skMLCK
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC213583 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCGACAGAAAATGGAGCAGTTGAGCTGGGAATTCAGAACCCTCAACAGACAAGGCACCTAAAGGTC
 CCACAGGTGAAAGACCCCTGGCTGCAGGAAAGACCCTGGCCCCCAGACCCAAAGAAAGCTCCGGATCC
 ACCCACCTGAAGAAAGATGCCAAAGCCCTGCCTCAGAGAAAGGGGATGGTACCCTGGCCCAACCTCA
 ACTAGCAGCCAAGGCCCAAGGAGAGGGTGACAGGGCGGGGGCCGCGGAGGGCAGTGCTGGGCCCC
 CGGCAGCCCTGCCCCAGCAGACTGCGACACCTGAGACCAGCGTCAAGAAGCCCAAGGCTGAGCAGGGAGC
 CTCAGGCAGCCAGGATCCTGAAAGCCAGGGTGGGCAAGAAGGCAGCAGAGGGCCAAGCAGCAGCCAGG
 AGGGGCTCACCTGCTTTCTGCATAGCCCCAGCTGTCTGCCATCATCTCCAGTTCTGAGAAGCTGCTGG
 CCAAGAAGCCCCAAGCGAGGCATCAGAGCTCACCTTTGAAGGGGTGCCATGACCCACAGCCCCACGGA
 TCCCAGGCCAGCCAAGGCAGAAGAAGGAAAGAACATCCTGGCAGAGAGCCAGAAGGAAGTGGGAGAGAAA
 ACCCCAGGCCAGGCTGGCCAGGCTAAGATGCAAGGGGACACCTCGAGGGGGATTGAGTTCAGGCTGTTC
 CCTCAGAGAAATCCGAGGTGGGGCAGGCCCTCTGTCTCACAGCCAGGGAGGAGGACTGCTTCAGATTTT
 GGATGATTGCCCGCCACCTCCGGCCCCCTTCCCTACCGCATGGTGGAGCTGAGGACCGGAATGTCAGC
 AGTGAATTCAGTATGAACTCCAAGGAGGCGCTCGGAGGTGGCAAGTTTGGGGCAGTCTGTACCTGCATGG
 AGAAAGCCACAGGCCTCAAGCTGGCAGCCAAGGTCAATCAAGAAACAGACTCCCAAAGACAAGGAAATGGT
 GTTGCTGGAGATTGAGGTCATGAACAGCTGAACACCGCAATCTGATCCAGCTGTATGCAGCCATCGAG
 ACTCCGCATGAGATCGTCTGTTTCATGGAGTACATCGAGGGCGGAGAGCTCTTCGAGAGGATTGTGGATG
 AGGACTACCATCTGACCGAGGTGGACACCATGGTGTGTTGTCAGGCAGATCTGTGACGGGATCCTCTTCAT
 GCACAAGATGAGGGTTTTGCACCTGGACCTCAAGCCAGAGAACAATCCTGTGTGTCAACACCACCGGGCAT
 TTGGTGAAGATCATTGACTTTGGCCTGGCAGGAGGTATAACCCCAACGAGAAGCTGAAGGTGAACCTTTG
 GGACCCAGAGTTCCTGTACCTGAGGTGGTGAATTATGACCAAATCTCCGATAAGACAGACATGTGGAG
 TATGGGGGTGATCACCTACATGCTGCTGAGCGGCTCTCCCCCTTCTGGGAGATGATGACACAGAGACC
 CTAACAACGTTCTATCTGGCACTGGTACTTTGATGAAGAGACCTTTGAGGCCGTATCAGACGAGGCCA
 AAGACTTTGTCTCAACCTCATCGTCAAGGACCAGAGGGCCCGGATGAACGCTGCCCAGTGCTCGCCCCA
 TCCCTGGCTCAACAACCTGGCGGAGAAAGCCAAACGCTGTAACCGACGCCTTAAGTCCCAGATCTTGCTT
 AAGAAATACCTCATGAAGAGGCGCTGGAAGAAAACTTATTGCTGTGACGCTGCCAACCGCTTCAAGA
 AGATCAGCAGCTCGGGGCACTGATGGCTCTGGGGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC213583 protein sequence
 Red=Cloning site Green=Tags(s)

MATENGAVELGIQNPSTDKAPKGPTGERPLAAGKDPGPPDPKKAPDPPTLKKDAKAPASEKGDGTLAQPS
 TSSQGPKEGDRGGGPAEGSAGPPAALPQQTATPETS VKKPKAEQGSQDPGKPRVGKAAEQGAAAR
 RGSPAFLHSPSCPAIISSSEKLLAKKPPSEASELTFEGVPMTHSPTDPRPAKEEGKNILAESQKEVGEK
 TPGQAGQAKMQGDTSRGIEFQAVPSEKSEVQALCLTAREEDCFQILDCCPPPPAPFPHRMVELRTGNVS
 SEFSMNSKEALGGGKFGAVCTMEKATGLKLA AKVIKQTPKDKEMVLLIEVMNQLNHRNLIQLYAAIE
 TPHEIVLFMEYIEGGELFERIVDEDYHLTEVDTMV FVRQICDILFMHKMRVLHDLKPENILCVNTTGH
 LVKIIDFGLARRYNPNEKLKVNFGTPEFLSPEVVNYDQISDKTDMWSMGVITYMLLSGLSPFLGDDDTET
 LNNVLSGNWFDEETFEAVSDEAKDFVSNLIVKQQRARMNAAQCLAHPWLNLA EKAKRCNRRLKSQILL
 KKYLMKRRWKNFIAVSAANRFKKISSSGALMALGV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_033118
ORF Size:	1788 bp
Buffer:	PBS with 0.001% Pluronic F7078
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_033118.2</u>
RefSeq Size:	2793 bp
RefSeq ORF:	1791 bp
Locus ID:	85366
UniProt ID:	<u>Q9H1R3</u>
Cytogenetics:	20q11.21
MW:	64.7 kDa