

Product datasheet for **RC214937A1V**

Human MYLK4 (NM_001012418) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MYLK4 (NM_001012418) AAV Particle
Tag:	Myc-DDK
Symbol:	MYLK4
Synonyms:	SgK085
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC214937 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTTAAAGTGAAGAGGCTGGAAGAATTCAACACGTGTTATAACAGCAACCAGCTGGAGAAAATGGCCT
TTTTTCAGTGCAGGGAAGAGGTGGAGAAAGTGAAGTGTTCCTGGAAAAAATCTGGGGACCAGGATTC
AAGATCTAGACATAATGAGGCGAAGGAGGTGTGGTCAAACGCCGACCTGACGGAAAGGATGCCCCGTCAA
AGCAAAAGGACATCAGCCCTCGCAGTTGACATCCCGGCTCCTCCGGCCCCATTTGATCATCGTATTGTGA
CAGCCAAGCAAGGAGCGGTCAACAGCTTCTATACTGTGAGCAAGACAGAAATCCTAGGAGGAGGGCGTTT
CGGCCAGGTTCACAAGTGTGAGGAGACGCCACAGGTCTGAAGCTGGCAGCCAAAATCATCAAGACCAGA
GGCATGAAGGACAAGGAGGAGGTGAAGAACGAGATCAGCGTCATGAACCAGCTGGACCACGCGAACCTCA
TCCAGCTGTACGATGCCTTCGAGTCTAAGAACGACATTGTCTGGTCATGGAGTATGTGGATGGTGGGA
GCTGTTTGACCGCATCATCGATGAGAGCTACAATTTGACGGAGCTTGATACCATCCTGTTTCATGAAGCAG
ATATGTGAGGGGATAAGGCACATGCATCAGATGTACATTCTCCACTTGGACCTGAAGCCTGAGAATATCC
TGTGTGTGAATCGGGATGCTAAGCAATAAAAAATTATTGATTTTGGATTGGCCAGAAGATACAAACCCAG
AGAGAAGCTGAAGGTGAACCTTTGAACCCCAAGATTTCTCGCCCTGAAGTTGTGAACATGATTTTGT
TCATTTCCCACTGACATGTGGAGTGTGGGGTCATCGCCTATATGCTACTTAGCGGTTTGTGCGCTTTCC
TGGGTGACAATGATGCTGAGACGCTGAACAACATCCTGGCCTGCAGGTGGGACTTAGAGGATGAAGAATT
TCAGGACATCTCGGAGGAGGCCAAGGAGTTCATCTCTAAGCTTCTGATTAAGGAGAAGAGTTGGCGAATA
AGTGCAAGCGAAGCTCTCAAGCACCCCTGGTTGTGAGACCACAAGCTCCACTCCAGACTCAATGCCCAGA
AGAAGAAGAATCGTGGCTCTGATGCCAGGACTTTGTGACCAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC214937 protein sequence Red=Cloning site Green=Tags(s) MLKVKRLEEFNTCYNSNQLEKMAFFQCREEVEKVKCFLEKNSGDQDSRSRHNEAKEVWSNADLTERMPVK SKRTSALAVDIPAPPAPFDHRIVTAKQGAVNSFYTVSKTEILGGGRFGQVHKCEETATGLKLAAKIIKTR GMKDKEEVKNEISVMNQLDHANLIQLYDAFESKNDIVL VMEYVDGGELFDRIIDESYNLTDLTILFMKQ ICEGIRHMHQMYILHLDLKPENILCVNRDAKQIKIIDFGLARRYKPREKLKVNFGTPEFLAPEVVNYDFV SFPTDMWSVGVIAYMLLSGLSPFLGDND AETLNNILACRWDLEDEEFQDISEEAKEFISKLLIKEKSWRI SASEALKHPWLS DHKLHSRLNAQKKKNGSDAQDFVTK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001012418
ORF Size:	1164 bp
Buffer:	PBS with 0.001% Pluronic F68
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:	NM_001012418.1
RefSeq Size:	5760 bp
RefSeq ORF:	1167 bp
Locus ID:	340156
UniProt ID:	Q86YV6
Cytogenetics:	6p25.2
MW:	44.6 kDa