

Product datasheet for **RC200454A1V**

Human MATK (NM_139354) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MATK (NM_139354) AAV Particle
Tag:	Myc-DDK
Symbol:	MATK
Synonyms:	CHK; CTK; HHYLTk; HYL; HYLTk; Lsk
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC200454 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCGGGGCGAGGCTCTCTGGTTTCCTGGCGGCATTTACGGCTGTGATTCTGCTGAGGAACCTCCCC
 GGGTGAGCCCCCGCTTCTCCGAGCCTGGCACCCCTCCCGTCTCAGCCAGGATGCCAACGAGGCGCTG
 GGCCCCGGGCACCCAGTGTATCACCAAATGCGAGCACACCCGCCCAAGCCAGGGGAGCTGGCCTTCGCG
 AAGGGCGACGTGGTACCATCCTGGAGGCTGCGAGAACAAAGAGCTGGTACCGCGTCAAGCACACACCA
 GTGGACAGGAGGGGCTGCTGGCAGCTGGGGCGCTGCGGGAGCGGGAGGCCCTCTCCGAGACCCCAAGCT
 CAGCCTCATGCCGTGGTTCACGGGAAGATCTCGGGCAGGAGGCTGTCCAGCAGCTGCAGCCTCCCGAG
 GATGGGCTGTTCTGGTGGGAGTCCGCGGCCACCCGGCGACTACGTCTGTGCGTGAGCTTTGGCC
 GCGACGTCACTACCGCGTGTGCACCGGACGGCCACCTACAATCGATGAGGCCGTGTTCTTCTG
 CAACCTCATGGACATGGTGGAGCATTACAGCAAGGACAAGGGCGCTATCTGCACCAAGCTGGTGAGACCA
 AAGCGGAAACACGGGACCAAGTCGGCCGAGGAGGAGCTGGCCAGGGCGGGCTGGTTACTGAACCTGCAGC
 ATTTGACATTGGGAGCACAGATCGGAGAGGGAGAGTTTGGAGCTGTCTCGAGGGTGAGTACCTGGGGCA
 AAAGGTGGCCGTGAAGAATATCAAGTGTGATGTGACAGCCAGGCCTTCTGGACGAGACGGCCGTATG
 ACGAAGATGCAACACGAGAACCTGGTGGTCTCTCTGGGCGTGATCTGCACAGGGGCTGTACATTGTCA
 TGGAGCACGTGAGCAAGGGCAACCTGGTGAACCTTCTGCGGACCCGGGTCGAGCCCTCGTGAACACCGC
 TCAGCTCTGCAGTTTCTCTGCAGTGGCCGAGGGCATGGAGTACCTGGAGAGCAAGAAGCTTGTGCAC
 CGCGACCTGGCCGCGCAACATCCTGGTCTCAGAGGACCTGGTGCCAAAGTTCAGCGACTTTGGCCTGG
 CCAAAGCCGAGCGGAAGGGCTAGACTCAAGCCGGCTGCCGTCAAGTGACGGCGCCCGAGGCTCTCAA
 ACACGGGAAGTTACCCAGCAAGTCGGATGTCTGGAGTTTGGGGTGCTGCTCTGGGAGGTCTTCTCATAT
 GGACGGGCTCCGTACCTAAAATGTCACTGAAAGAGGTGTGGAGGCCGTGGAGAAGGGTACCGCATGG
 AACCCCCGAGGGCTGTCCAGGCCCCGTGCACGTCTCATGAGCAGCTGCTGGGAGGAGAGCCCGCCCG
 CCGGCCACCTTCCGAAACTGGCCGAGAAGCTGGCCGGGAGCTACGCAGTGCAGGTGCCCCAGCCTCC
 GTCTCAGGGCAGGACGCCGACGGCTCCACCTCGCCCCGAAGCCAGGAGCCC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200454 protein sequence
 Red=Cloning site Green=Tags(s)

MAGRGSLSVSWRAFHGCDSEELPRVSPRFLRAWHPPVPSARMPTRRWAPGTQCITKCEHTRPKPGELAFR
 KGDVVTILEACENKSWYRVKHHTSGQEGLLAAGALREREALSDPKLSLMPWFHGKISGQEAQQLPPE
 DGLFLVRESARHPGDYVLCVSFGRDVIHYRVLHRDGHLTIDEAVFFCNLMDMVEHYSKDKGAICTKLVRP
 KRKHGTSAAEELARAGWLLNLQHLTLGAQIGEGFVAVLQGEYLGQKVAVKNIKCDVTAQAFLEDAVMT
 TKMQHENLVRLLGVILHQGLYIVMEHVSKGNLVNFLRTRGRALVNTAQLLQFSLHVAEGMEYLESKKLVH
 RDLAARNILVSEDLVAKVSDFGLAKAERKGLDSSRLPVKWTAPAEALKHGKFTSKSDVWSFGVLLWEVFSY
 GRAPYPKMSLKEYSEAVEKGYRMEPPEGCPGVHVLMSWCWEAEPARRPPFRKLAEKLAELRSAGAPAS
 VSGQDADGSTSPRSQEP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_139354

ORF Size:

1521 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:	<u>NM_139354.2</u>
RefSeq Size:	1940 bp
RefSeq ORF:	1401 bp
Locus ID:	4145
UniProt ID:	<u>P42679</u>
Cytogenetics:	19p13.3
MW:	56.5 kDa