

Product datasheet for **RC223161A1V**

Human **MATK (NM_139355)** AAV Particle

Product data:

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



ORF Nucleotide Sequence: >RC223161 representing NM_139355
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCGGGGCGAGGCTCTCTGGTTTCTGGCGGGCATTTCACGGCTGTGATTCTGCTGAGGAACTCCCC
 GGGTGAGCCCCCGCTTCTCCGAGCCTGGCACCCTCCCGTCTCAGCCAGGATGCCAACGAGGCGCTG
 GGCCCCGGGACCCAGTGTATCACCAAATGCGAGCACCCGCCCAAGCCAGGGGAGCTGGCCTTCCGC
 AAGGGCGACGTGGTCACCATCTGGAGGCTGCGAGAACAAGAGCTGGTACCGCTCAAGCACCACCA
 GTGGACAGGAGGGGCTGCTGGCAGCTGGGGCGCTGCGGAGCGGGAGGCCCTCTCCGACAGCCCCAAGCT
 CAGCCTCATGCCGTGGTTCCACGGGAAGATCTCGGGCCAGGAGGCTGTCCAGCAGCTGCAGCCTCCCGAG
 GATGGGCTGTTCTGGTGGGAGTCCGCGCGCACCCCGGCGACTACGTCCTGTGCGTGAGCTTTGGCC
 GCGACGTATCCACTACCGGTGCTGCACCGGACGGCCACCTACAATCGATGAGGCCGTGTTCTTCTG
 CAACCTCATGGACATGGTGGAGCATTACAGCAAGGACAAGGGCGCTATCTGCACCAAGCTGGTGAGACCA
 AAGCGGAAACACGGGACCAAGTCGGCCGAGGAGGAGCTGGCCAGGGCGGGCTGGTTACTGAACCTGCAGC
 ATTTGACATTGGGAGCAGATCGGAGAGGGAGAGTTTGGAGCTGTCTGCAGGGTGAAGTACCTGGGGCA
 AAAGGTGGCCGTGAAGAATATCAAGTGTGATGTGACAGCCAGGCCCTTCTGGACGAGACGGCCGTATG
 ACGAAGATGCAACACGAGAACCTGGTGGTCTCTCTGGCGTGATCTGCACAGGGGCTGTACATTGTCA
 TGGAGCACGTGAGCAAGGGCAACCTGGTGAACCTTCTGCGGACCCGGGGTGCAGCCCTCGTGAACACCGC
 TCAGCTCCTGCAGTTTTCTCTGCACGTGGCCGAGGGCATGGAGTACCTGGAGAGCAAGAAGCTTGTGCAC
 CGCGACCTGGCCGCGCCCAACATCTGGTCTCAGAGGACCTGGTGGCAAGGTGAGCGACTTTGGCCTGG
 CCAAAGCCGAGCGGAAGGGGTAGACTCAAGCCGGCTGCCCGTCAAGTGGACGGCGCCGAGGCTCTCAA
 ACACGGGAAGTTCACAGCAAGTCGGATGTCTGGAGTTTGGGGTGTGCTCTGGGAGGTCTTCTCATAT
 GGACGGGCTCCGTACCTAAAATGTCACTGAAAGAGGTGTGCGAGGCCGTGGAGAAGGGGTACCGCATGG
 AACCCCCGAGGGCTGTCCAGGCCCGTGCACGTCTCATGACGAGCTGCTGGGAGGCAGAGCCGCCCG
 CCGGCCACCTTCCGAAACTGGCGAGAAGCTGGCCGGGAGCTACGCAGTGCAGGTGCCCCAGCCTCC
 GTCTCAGGGCAGGACGCCGACGGCTCCACCTCGCCCCGAAGCCAGGAGCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC223161 representing NM_139355
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MAGRGSLSVWRAFHGCDSEELPRVSPRFLRAWHPPVSARMPTRRWAPGTQCITKCEHTRPKPGELAFR
 KGDVVTILEACENKSWYRVKHHTSGQEGLLAAGALRREALSADPKLSLMPWFHGKISGQEAQQQLQPPE
 DGLFLVRESARHPGDYVLCVSFGRDVIHYRVLHRDGHILTIDEAVFFCNLMDMVEHYSKDKGAICTKLVRP
 KRKHGTKSAEELARAGWLLNLQHLTLGAQIGEGEFGAVLQGEYLGQKVAVKNIKCDVTAQAFLDLAVM
 TKMQHENLVRLLGVILHQGLYIVMEHVSNGNLVNFLRTRGRALVNTAQLLQFSLHVAEGMEYLESKKLVH
 RDLAARNILVSEDLVAKVSDFGLAKAERGLDSSRLPVKWTAPALKHGFSTKSDVWSFGVLLWEVFSY
 GRAPYPKMSLKEVSEAVEKGYRMEPPEGCPGPVHVMSSCWEAEPARRPPFRKLAELARELSAGAPAS
 VSGQDADGSTSPRSQEP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_139355

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:	NM_139355.1
RefSeq Size:	2183 bp
RefSeq ORF:	1524 bp
Locus ID:	4145
UniProt ID:	P42679
Cytogenetics:	19p13.3
MW:	56.3 kDa