

Product datasheet for **RC205461A1V**

Human ATE1 (NM_007041) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ATE1 (NM_007041) AAV Particle
Tag:	Myc-DDK
Symbol:	ATE1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205461 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCTTTCTGGCGGGGGTTGCGCCAGCGTCGTGGACTATTTCCCTAGCGAGGACTTCTACCGCTGCG
 GCTACTGCAAGAACGAGTCGGGCAGCCGCTCCAATGGCATGTGGGCACATTCCATGACAGTACAGGATTA
 TCAGGATCTCATAGACCGAGGATGGCGAAGAAGTGAAAAATATGTGTACAAACCTGTATGAATCAAACA
 TGTTGTCTCAGTACACAATAAGGTGCCGACCTTTACAATTTACGCTTCAAAATCTCACAAGAAGGTTT
 TGAAAAAATGTTGAAATTTCTGGCTAAAGGGGAGGTTCCCAAAGGAAGTTGTGAGGATGAGCCCATGGA
 TTCCACAATGGATGATGCTGTTGCGGGTACTTTGCATTGATAAATAAACTGGATATACAGTGTGATCTT
 AAAACACTCAGTGATGACATCAAAGAGAGTTTAGAGAGTGAAGGAAAAAATTCAAAGAAAGAAGAACCTC
 AGGAATTACTTCAGTCACAAGATTTCTAGGAGAGAAGTTGGGCTCTGGTGAACCGTCACATTCACTTAA
 AGTTACACAGTTCTTAAGCCAGGCAAGGGGCTGATTTGAGTAAGCCTCCATGTCGAAAAGCAAAGGAA
 ATCCGGAAAGAAAGGAAAGGTTAAACTAATGCAGCAGAACCCAGCTGGAGAACTTGAGGGTTTCCAGG
 CTCAAGGTCACCCACCATCTTTGTTTCCACCAAGGCTAAATCCAACCAGCCAAAATCACTCGAAGATTT
 AATTTTGTAGTCTTTACCAGAGAATGCATCACACAAGTTAGAGGTGAGGTTAGTACCTGTCTCTTTGAG
 GACCCAGAGTTCAAGTCGTCTTTACGCCAGTCCTTTCTTTGTATGTCAAGTATCAAGTGCCCATACACC
 AGGATCCACCCGATGAATGTGGGAAGACTGAGTTCACAAGATTCCTTTGCAGTTACCCCTTGAGGCAGA
 GACTCCCCCTAATGGGCCAGATTGTGGCTATGGCTCCTTTACCAGCAGTACTGGCTTGACGGAAGATC
 ATTGCTGTGGGGTGATTGACATCTCCCAACTGTGTATCATCTGTGTATTTGTACTACGATCTGATT
 ATTCGTTTTTGTCTTTGGGCGTCTACTCTGCACTACGAGAAATGCTTTTACTAGGCAGTTTCATGAGAA
 AACTTCTCAACTCAGCTATTATTATATGGGTTTCTACATTTCATTGTCGTCCTCAAGATGAAATATAAGGGT
 CAGTATAGACCTTCTGATTTGCTGTGCCCTGAGACATATGTTTGGGTACCCATTGAGCAATGCCTGCCTT
 CACTTGAAAACTCCAAGTACTGCCGTTTCAACCAGGACCCAGAAGCAGTGGATGAGGATCGCAGTACGGA
 ACCTGACCGATTGCAGGTGTTTCAAGAGAGCCATCATGCCTTACGGTGTGTTATAAGAAACAGCAGAA
 GACCCAAGTGAGGAGGCTGCTGTTCTGCAGTACGCCAGCCTGGTGGGCAGAAGTGTCCGAGCGGATGC
 TGCTGTTCAGAAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205461 protein sequence
 Red=Cloning site Green=Tags(s)

MAFWAGGSPSVVDYFPSEDFYRCGYCKNESGSRNMGWAHSMTVQDYQDLIDRGWRRSGKYVYKPYVMNQ
 CCPQYTIKCRPLQFQPSKSHKKVLKKMLKFLAKGEVPGKSCDEPMDSTMDAVAGDFALINKLDIQCDL
 KTLSDDIKESLESEGKNSKKEEQELLQSQDFVGEKLGSGEPSSVSVKHTVTPKPGKADLSKPPCRKAKE
 IRKERKRLKLMQONPAGELEGFQAQGHPPSLFPPKAKSNQPKSLEDLIFESLPENASHKLEVRLVPVSFE
 DPEFKSSFQSFSLYVKYQVAIHQDPPDECGKTEFTRFLCSSPLEAETPPNGPDCGYGSFHQQYWLQDKI
 IAVGVIDILPNCVSSVLYYDPDYSFLSLGVYSALREIAFTRQLHEKTSQLSYYMGMFYIHSCPKMKYKG
 QYRPSDLLCPETYVWVPIEQCLPSLENSKYCRFNQDPEAVDEDRSTEPDRLQVFHKRAIMPYGVYKQKQK
 DPSEEAVALQYASLVGQKCSERMLLFRN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_007041

ORF Size:	1554 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_007041.2</u>
RefSeq Size:	4930 bp
RefSeq ORF:	1557 bp
Locus ID:	11101
UniProt ID:	<u>O95260</u>
Cytogenetics:	10q26.13
MW:	59 kDa