

Product datasheet for **RC214343A1V**

Human Aminomethyltransferase (AMT) (NM_000481) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Aminomethyltransferase (AMT) (NM_000481) AAV Particle
Tag:	Myc-DDK
Symbol:	Aminomethyltransferase
Synonyms:	GCE; GCST; GCVT; NKH
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC214343 representing NM_000481 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGCAGAGGGCTGTAAGTGTGGTGGCCCGTCTGGGCTTTCGCCTGCAGGCATTCCCCCGGCCTTGTGTC
GTCCACTTAGTTGCGCACAGGAGGTGCTCCGCAGGACACCGCTCTATGACTTCCACCTGGCCACGGCGG
GAAATGGTGGCGTTTGGCGGTTGGAGTCTGCCAGTGCAGTACCGGGACAGTCACTGACTCGCACCTG
CACACAGCCAGCACTGCTCGCTCTTTGACGTGTCTCATATGCTGCAGACCAAGATACTTGGTAGTGACC
GGTGAAGCTGATGGAGAGTCTAGTGGTTGGAGACATTGCAGAGCTAAGACCAAAACAGGGGACACTGTC
GCTGTTTACCAACGAGGCTGGAGGCATCTTAGATGACTTGATTGTAACCAATACTTCTGAGGGCCACCTG
TATGTGGTGTCCAACGCTGGCTGCTGGGAGAAAGATTTGGCCCTCATGCAGGACAAGGTAGGGAGCTTC
AGAACCAGGGCAGAGATGTGGCCTGGAGGTGTTGGATAATGCCCTGCTAGCTCTGCAAGGCCCACTGC
AGCCCAGGTAACAGGCCGCGTGGCAGATGACCTGAGGAACTGCCCTTCATGACCAGTGCTGTGATG
GAGGTGTTTGGCGTGTCTGGCTGCCGCGTGACCCGCTGTGGCTACACAGGAGAGGATGGTGTGGAGATCT
CGGTGCCGTAAGCGGGGCACTTACCTGGCAACAGCTATTCTGAAAAACCCAGAGGTGAAGCTGCGAGG
GCTGGCAGCCAGGACAGCCTGCGCCTGGAGGCAGGCCCTGCTGTATGGGAATGACATTGATGAACAC
ACTACACCTGTGGAGGGCAGCCTCAGTTGGACACTGGGGAAGCGCCGCGAGCTGCTATGGACTTCCTG
GAGCCAAGGTCAATTGTTCCCAAGCTGAAGGGCAGGGTGCAGCGAGGCGTGTGGGTTGATGTGTGAGGG
GGCCCCCATGCGGGCACACAGTCCCATCCTGAACATGGAGGATACCAAGATTGGTACTGTGACTAGTGGC
TGCCCCCTCCCCCTCTCTGAAGAAGAATGTGGCGATGGGTTATGTGCCCTGCGAGTACAGTCGTCCAGGGA
CAATGCTGCTGGTAGAGGTGCGGCGGAAGCAGCAGATGGCTGTAGTCAGCAAGATGCCCTTTGTGCCAC
AACTACTATACCCTCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC214343 representing NM_000481 Red=Cloning site Green=Tags(s) MQRASVVARLGFRLLQAFPPALCRPLSCAQEVLRRTPLYDFHLAHGGKMVAFAGWSLPVQYRDSHTDSSL HTRQHCSLFDVSHMLQTKILGSDRVKLMESLVGDI AELRPNQGTLSLFTNEAGGILDDLIVTNTSEGL YVVSNAGCWEKDLALMQDKVRELQNQGRDVGLEVLNALLALQGPTAAQVLQAGVADDLRKLPFMTSAVM EVFGVSGCRVTRCGYTGEDGVEISVPVAGAVHLATAILKNPEVKLAGLAARDSLRLEAGLCLYGNDIDEH TTPVEGSLSWTLGKRRRAAMDFPGAKVIVPQLKGRVQRRRVGLMCEGAPMRAHSPILNMEGTKIGTVTSG CPSPSLKKNVAMGYVPCYSRPGTMLLVEVRRKQQMAVVS KMFPVPTNYYTLK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000481
ORF Size:	1209 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_000481.2
RefSeq Size:	2117 bp
RefSeq ORF:	1212 bp
Locus ID:	275
UniProt ID:	P48728
Cytogenetics:	3p21.31
MW:	43.8 kDa