

Product datasheet for **RC201044A1V**

Human ADAT1 (NM_012091) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ADAT1 (NM_012091) AAV Particle
Tag:	Myc-DDK
Symbol:	ADAT1
Synonyms:	HADAT1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC201044 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

 ATGTGGACCGCGATGAGATTGCTCAGCTATGCTATGAACACTATGGGATCAGGCTGCCAAGAAGGGA
AGCCTGAGCCAAACCATGAGTGGACATTATTGGCAGCGGTGGTGAAGATACAATCTCCAGCTGACAAGGC
CTGCGACACCCCTGATAAGCCGGTGCAAGTGACAAAGGAAGTTGTGCAATGGGAACAGGAACAAAATGC
ATAGGACAGTCCAAAATGAGGAAGAACGGAGACATCCTCAATGATAGCCATGCTGAGGTATAGCCAGAA
GGAGTTTCAAAGGTACCTTCTCCACCAACTCCAGTTGGCAGCCACCCTGAAAGAGGATAGCATCTTTGT
CCCAGGAACTCAAAAAGGAGTGTGAAACTTAGACGAGACCTCATTTTTGTGTTTTCTCCAGCCATACA
CCCTGTGGGGATGCCTCCATCATTCCGATGCTTGAGTTTGAAGATCAGCCTTGCTGTCTGTCTTCAGAA
ATTGGGCCCAACTCATCAGTAGAAGCCAGTAGTAACCTGGAAGCTCCTGGAATGAAAGAAAATGTGA
AGACCCTGACAGTCTGTAAACAAAAAGATGAGGCTTGAGCCTGGGACTGCAGCCAGGGAGGTACCAAC
GGAGCAGCTCACCATCAGAGTTTTGGCAAGCAGAAAAGTGGCCCAATCTCACCAGGCATCCACAGCTGTG
ATCTCACTGTAGAGGGACTGGCTACTGTACCAGAATAGCCCCTGGTAGTGC AAAAGTATAGACGTTTA
TAGAACTGGAGCCAAGTGTGTACCTGGAGAAGCTGGAGACTCCGGAAGCCGGGTGCTGCGTTTCACCAG
GTGGGGCTGCTCCGAGTGAAGCCAGGCCGTGGAGACAGAACACGCTCCATGTCTGTAGTGACAAGATGG
CCCGATGGAACGTCCTCGGATGCCAAGGGGCACTGTTGATGCACTTGCTGGAAGAGCCCTACCTGTC
AGCTGTGGTCATTGGGAAGTGCCCATACAGCCAGGAAGCCATGCAGAGAGCACTGATTGGAAGGTGTCAG
AATGTGCTGCTTTACCAAAAGGCTTCGGAGTTCAAGAATTAATACTGCAGTCAGATTTACTATTTG
AACAGAGCCGCACTGCGGTGCAGGCAAAAAGGGCTGATAGCCAGGTGCACTTGTCTGTGGGGCAGC
CATCAGCTGGAGTGAGTTCCTGAGCAGCCTTTGGATGTTACTGCCAATGGCTTTCCACAGGGAACAACA
AAGAAAACAATTGGAAGCCTTCAGGCAAGATCCCAATCAGCAAGTGGAACTCTTCAGATCATTCCAGA
AGCTGCTAAGCAGAATTGCAAGGGACAAGTGGCCACACTCCCTCAGGGTGCAGAAGCTGGATACCTACCA
GGAGTACAAGGAGGCTGCGTCTCTTACCAGGAAGCCTGGAGCACACTCCGGAAGCAGGTGTTTGGATCC
TGGATCAGAAACCCACCGGATTATCACCAGTTCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201044 protein sequence

Red=Cloning site Green=Tags(s)

 MWTADEIAQLCYEHYGI RL PKKGKPEPNHEWTL LA AVVKIQSPADKACDTPDKPVQVTKEVVSMTGKTC
IGQSKMRKNGDILND SHA EVIARRSFQRYLLHQLQLAATLKEDSIFVPGTQKGVWKLRRDLIFVFFSHT
PCGDASIIPMLEFEDQPCCPVFRNWAHNSSVEASSNLEAPGNERKCEDPDSPVTKKMRLEPGTAAREVTN
GAAHHQSFQKQSGPISPGIHSCDLTVEGLATVTRIAPGSAKVIDVYRTGAKCVPGEAGDSGKPGA AFHQ
VGLLRVKPGRGDRTRMSCSDKMARWNVLGCQGALLMHLLEPIYL SAVVIGKCPYSQEAMQRALIGRCQ
NYSALPKGFGVQELKILQSDLLFEQSRSAVQAKRADSPGRLVPCGAAISWSAVPEQPLDVTANGFPQGT
KKTIGSLQARSQISKVELFRSFQKLLSRIARDKWPHSLRVQKLDITYQEYKEAASSYQEA WSTLRKQVFGS
WIRNPPDYHQFK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_012091

ORF Size:

1506 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_012091.2</u>
RefSeq Size:	3545 bp
RefSeq ORF:	1509 bp
Locus ID:	23536
UniProt ID:	<u>Q9BUB4</u>
Cytogenetics:	16q23.1
MW:	55.4 kDa