

Product datasheet for **RC223277A1V**

Human Aminoadipate aminotransferase (AADAT) (NM_016228) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Aminoadipate aminotransferase (AADAT) (NM_016228) AAV Particle
Tag:	Myc-DDK
Symbol:	Aminoadipate aminotransferase
Synonyms:	KAT2; KATII; KYAT2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC223277 representing NM_016228 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**

ATGAATTACGCACGGTTCATCACGGCAGCGAGCGCAGCCAGAAACCCCTTCTCCCATCCGGACCATGACTGACATATTGAGCAGAGGACCAAAATCGATGATCTCCTGGCTGGTGGCTTACCAATCCAAACATGTTTCC
TTTTAAGACTGCCGTAATCACTGTAGAAAATGGAAAGACCATCCAATTTGGAGAAGAGATGATGAAGAGA
GCATTCAGTATTCTCCGAGTGCTGGAATTCAGAGCTTTTGTCTGGCTAAAACAGTTACAAAATAAAT
TGCATAATCCTCCTACCATCCATTGCCACCAGTCAAGGACAAAATGGATCTATGTGTACATCTGGCAG
CCAACAAGGTCTTTGTAAGGTGTTTGAATGATCATTAACTCCTGGAGATAATGTCTCCTAGATGAACCT
GCTTATTCAGGAACCTTCAAAGTCTGCACCCACTGGGCTGCAACATTATTAATGTTGCCAGTGATGAAA
GTGGGATTGTTCCAGATTCCTAAGAGACATACTTTCCAGATGGAAACCAGAAGATGCAAAGAATCCCCA
GAAAAACACCCCAAAATTTCTTTATACTGTTCCAAATGGCAACAACCCCTACTGGAACTCATTAAACAGT
GAACGCAAAAAGGAAATCTATGAGCTTGCAAGAAAATATGATTCCTCATAATAGAAGATGATCCTTACT
ATTTTCTCCAGTTTAAACAAGTTCAGGGTACCAACATTTCTTTCCATGGATGTTGATGGACGTGTCATCAG
AGCTGACTCTTTTCAAAAATCATTTCCTCTGGGTTGAGAATAGGATTTTAACTGGTCCAAAACCCCTTA
ATAGAGAGAGTTATTTACACATACAAGTTTCAACATTGCACCCAGCACTTTTAAACAGCTCATGATAT
CACAGCTTCTACACGAATGGGGAGAAGAAGTTTCATGGCTCATGTAGACAGGGTATTGATTTCTATAG
TAACCAGAAGGATGCAATACTGGCAGCTGCAGACAAGTGGTAACTGGTTTGGCAGAATGGCATGTTCTT
GCTGCTGGAATGTTTTATGGATTAAGTTAAAGGCATTAATGATGTAAGAAGAACTGATTGAAGAAAAGG
CCGTTAAGATGGGGGATTAATGCTCCCTGGAAATGCTTTCTACGTCGATAGCTCAGCTCCTAGCCCTTA
CTTGAGAGCATCCTTCTTCCAGCTTCTCCAGAACAGATGGATGTGGCCTTCCAGGTATTAGCACAACCT
ATAAAAAGAAATCTTTA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAAGTTTAA



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Protein Sequence:	>RC223277 representing NM_016228 Red=Cloning site Green=Tags(s) MNYARFITAASAARNPSPIRTMTDILSRGPKSMISLAGGLPNPNMFPFKTAVITVENGKTIQFGEEMMKR ALQYSPSAGIPELLSWLKQLQIKLHNPPTIHYPPSQGQMDLCVTSQSGSQGLCKVFEMIINPGDNVLLDEP AYSGLTQSLHPLGCNIINVASDESGIVPDSLRLDILSRWKPEDAKNPQKNTPKFLYTPNGNNTGNSLTS ERKKEIYELARKYDFLIIEDDPYYFLQFNKFRVPTFLSMDVDGRVIRADSFSKIISGLRIGFLTGPKPL IERVILHIQVSTLHPSTFNQLMISQLLHEWGEEGFMAHVDRVIDFYSNQKDAILAAADKWL TGLAEWHVP AAGMFLWIKVKGINVKELIEEKAVKMGVLM LPGA F YVDSSAPSPYL RASFSSASPEQMDVAFQVLAQL IKESL TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_016228
ORF Size:	1275 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_016228.3
RefSeq Size:	2326 bp
RefSeq ORF:	1278 bp
Locus ID:	51166
UniProt ID:	Q8N5Z0
Cytogenetics:	4q33
MW:	47.2 kDa