

Product datasheet for **RC200213A1V**

Human ACAA1 (NM_001607) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ACAA1 (NM_001607) AAV Particle
Tag:	Myc-DDK
Symbol:	ACAA1
Synonyms:	ACAA; PTHIO; THIO
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC200213 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCAGAGGCTGCAGGTAGTGCTGGGCCACCTGAGGGGTCCGGCCGATTCCGGCTGGATGCCGCAGGCCG
CGCCTTGCTGAGCGGTGCCCGCAGGCCTCGGCCGCGGACGTGGTGGTGGTGACGGGCGGCGCACGGC
CATCTGCCGGGCGGGCCGCGCGGCTTCAAGGACACCACCCCGACGAGCTTCTCTCGGCAGTCATGACC
GCGGTTCTCAAGGACGTGAATCTGAGGCCGGAACAGCTGGGGGACATCTGTGTGCGAAATGTGCTGCAGC
CTGGGGCCGGGCAATCATGGCCGAATCGCCAGTTTCTGAGTGACATCCCGGAGACTGTGCCTTTGTC
CACTGTCAATAGACAGTGTTCTGTCGGGGCTACAGGCAGTGCCAGCATAGCAGGTGGCATCAGAAATGGG
TCTTATGACATTGGCATGGCCTGTGGGTGGAGTCCATGTCCCTGGCTGACAGAGGGAACCTGGAATA
TTACTTCGCGCTTGATGGAGAAGGAGAAGGCCAGAGATTGCCTGATTCCTATGGGGATAACCTCTGAGAA
TGTGGCTGAGCGGTTTGGCATTTACGGGAGAAGCAGGATACCTTGCCTGGCTTCCAGCAGAAGGCA
GCAAGAGCCCAGAGCAAGGGCTGTTTCAAGCTGAGATTGTGCCTGTGACCAACACGGTCCATGATGACA
AGGGCACCAAGAGGAGCATCACTGTGACCCAGGATGAGGGTATCCGCCCCAGCACCACTGGAGGGCT
GGCCAACTGAAGCCTGCCTTCAAGAAAGATGGTTCTACCACAGCTGGAACCTCTAGCCAGGTGAGTGAT
GGGGCAGCTGCCATCCTGCTGGCCCGGAGGTCCAAGGCAGAAGAGTTGGGCTTCCCATCCTTGGGTCC
TGAGGTCTTATGCAAGTGGTGGGTCCACCTGACATCATGGGATTGGACCTGCCTATGCCATCCAGT
AGCTTTGCAAAAAGCAGGGCTGACAGTGAGTGACGTGGACATCTTCGAGATCAATGAGGCCTTTGCAAGC
CAGGCTGCCTACTGTGTGGAGAAGCTACGACTCCCCCTGAGAAGGTGAACCCCTGGGGGTGCAAGTGG
CCTTAGGGCACCACTGGGCTGCACTGGGGCAGCAGGTCATCACGCTGCTCAATGAGCTGAAGCGCCG
TGGGAAGAGGGCATACGGAGTGGTGTCCATGTGCATCGGGACTGGAATGGGAGCCGCTGCCGTCTTTGAA
TACCCTGGGAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC200213 protein sequence Red=Cloning site Green=Tags(s) MQRLQVVLGHLRGPADSGWMPQAAPCLSGAPQASAADV VVHGRRTAICRAGRGGFKDTPDELLSAVMT AVLKDVNL RPEQLGDI CVGNLQPGAGAIMARIAQFLSDIPETVPLSTVNRQCSSLQAVASIAGGIRNG SYDIGMACGVESMSLADRGNPGNITSRLMEKEKARDCLIPMGITSENVAFERFGISREKQDTFALASQQKA ARAQSKGCFQAEIVPVT TTVHDDKGT KRSITVTQDEGIRPSTTMEGLAKLP AFKKDGSTTAGNSSQVSD GAAAILLARRSKAEELGLPILGVLSYAVVGVPDIMGIGPAYAIPVALQKAGLTVSDVDIFEINEAFAS QAAYCVEKLRLPPEKVNPLGGAVALGHPLGCTGARQVITLLNELKRRGKRAYGVVSMCIGTGMGAAAVFE YPGN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001607
ORF Size:	1272 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_001607.2
RefSeq Size:	1840 bp
RefSeq ORF:	1275 bp
Locus ID:	30
UniProt ID:	P09110
Cytogenetics:	3p22.2
MW:	44.3 kDa