

Product datasheet for **RC201096A1V**

Human ACAA2 (NM_006111) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ACAA2 (NM_006111) AAV Particle
Tag:	Myc-DDK
Symbol:	ACAA2
Synonyms:	DSAEC
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC201096 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCTCTGCTCCGAGGTGTGTTGTAGTTGCTGCTAAGCGAACGCCCTTTGGAGCTTACGGAGGCCTTC
TGAAAGACTTCACTGCTACTGACTTGTCTGAATTTGCTGCCAAGGCTGCCTTGTCTGCTGGCAAAGTCTC
ACCTGAAACAGTTGACAGTGTGATTATGGGCAATGCTCTGCAGAGTTCTTCAGATGCTATATATTTGGCA
AGGCATGTTGGTTTGCCTGTGGGAATCCCAAAGGAGACCCAGCTCTCACGATTAATAGGCTCTGTGGTT
CTGGTTTTTCAGTCCATTGTGAATGGATGTCAGGAAATTTGTGTTAAAGAAGCTGAAGTTGTTTATGTGG
AGGAACCGAAAAGCATGAGCCAAGCTCCCTACTGTGTGAGAAATGTGCGTTTTGGAACCAAGCTTGGATCA
GATATCAAGCTGGAAGATTCTTTATGGGTATCATTAAACAGATCAGCATGTCCAGCTCCCCATGGCAATGA
CTGCAGAGAATCTTGCTGTAAAACACAAAATAAGCAGAGAAGAATGTGACAAATATGCCCTGCAGTCACA
GCAGAGATGGAAGCTGCTAATGATGCTGGCTACTTTAATGATGAAATGGCACCAATTGAAGTGAAGACA
AAGAAAGGAAAACAGACAATGCAGGTAGACGAGCATGCTCGGCCCAAACACCCTGGAACAGTTACAGA
AACTTCCTCCAGTATTCAAGAAAGATGGAAGTGTACTGCAGGGAATGCATCGGGTGTAGCTGATGGTGC
TGGAGCTGTTATCATAGCTAGTGAAGATGCTGTTAAGAAACATAAATTACACCACTGGCAAGAATTGTG
GGCTACTTTGTATCTGGATGTGATCCCTCTATCATGGGTATTGGTCTGTCCCTGCTATCAGTGGGGCAC
TGAAGAAAGCAGGACTGAGTCTTAAGGACATGGATTTGGTAGAGGTGAATGAAGCTTTTGTCCCAAGTA
CTTGGCTGTTGAGAGGAGTTGGATCTTGACATAAGTAAACCAATGTGAATGGAGGAGCCATTGCTTTG
GGTCACCCACTGGGAGGATCTGGATCAAGAATTACTGCACACCTGGTTACGAATTAAGGCGTCGAGGTG
GAAAATATGCCGTTGGATCAGCTTGATTGGAGGTGGCAAGGTATTGCTGTATCATTAGAGCACAGC
C

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC201096 protein sequence Red=Cloning site Green=Tags(s) MALLRGVVFVAAKRTPFAYGGLLKDFATDLSEFAAKAAL SAGKVSPETVDSVIMGNVLQSSSDAIYLA RHVGLRVGIPKETPAL TINRLCGSGFQSI VNGCQEICVKEAEVVL CGGTESMSQAPYCVRNVRFGTKLGS DIKLEDSLWVSLTDQHVQLPMAMTAENLAVKHKISREECDKYALQSQRWKAANDAGYFNDEMAPIEVKT KKGKQTMQVDEHARPQTTLQLQLPPVFKKDGTVTAGNASGVADGAGAVIIASEDAVKKHNFPLARIV GYFVSGCDPSIMGIGPVPAISGALKKAGLSLKDMDLVEVNEAFAPQYLAVERSLDDISKTNVNGGAIAL GHPLGGSGSRITAHLVHELRRRGKYAVGSACIGGGQGI AVIIQSTA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006111
ORF Size:	1191 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_006111.1
RefSeq Size:	1952 bp
RefSeq ORF:	1194 bp
Locus ID:	10449
UniProt ID:	P42765
Cytogenetics:	18q21.1
MW:	41.9 kDa