

Product datasheet for **RC203235A1V**

Human ACAD9 (NM_014049) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ACAD9 (NM_014049) AAV Particle
Tag:	Myc-DDK
Symbol:	ACAD9
Synonyms:	MC1DN20; NPD002
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC203235 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGAGCGGCTGCGGGCTCTTCTGCGCACCACGGCTGCGGCTCGTGCCTGCCGGGTCTGGTGGTCTCTA
 CCGCGAACC GGCGGCTACTGCGCACCAGCCCGCTGTACGAGCTTTCGCCAAAGAGCTTTTCTAGGCAA
 AATCAAGAAGAAAGTATTTCCATTTCCAGAAGTTAGCCAAGATGAACCTAATGAAATCAATCAGTTC
 TTGGGACCCGTGGAAAAATTTCTCACTGAAGAGGTGGACTCCCGAAAAATTGACCAGGAAGGGAAAAATCC
 CAGATGAACTTTGGAGAAATGAAGAGCCTAGGGCTTTTGGGCTGCAAGTCCAGAGAATATGGTGG
 CCTGGGCTTCTCAACACCATGTACTCACGACTAGGGGAGATCATCAGCATGGATGGGTCCATCACTGTG
 ACCCTGGCAGCGCACCAGGCTATTGGCCTCAAGGGGATCATCTTGGCTGGCACTGAGGAGCAGAAAGCCA
 AATACTTGCTAACTGGCGTCCGGGGAGCACATTGCAGCTTCTGCCTACGGAGCCAGCCAGTGGGAG
 CGATGCAGCCTCAATCCGGAGCAGAGCCACACTAAGTGAAGACAAGAAGCACTACATCCTCAATGGCTCC
 AAGGTCTGGATTACTAATGGAGGACTGGCCAATATTTTACTGTGTTTGCAAAGACTGAGGTCGTTGATT
 CTGATGGATCAGTGAAAGACAAAATCACAGCATTATAGTAGAAGAGACTTTGGTGGAGTCACTAATGG
 GAAACCCGAAGATAAATTAGGCATTCGGGGCTCCAACACTTGTGAAGTCCATTTTGAAAACACCAAGATA
 CCTGTGGAACATCCTTGGAGAGGTCCGAGATGGGTTTAAGGTGGCCATGAACATCCTCAACAGCGGCC
 GGTTACAGATGGGCAGCGTCTGGCTGGGCTGCTCAAGAGATTGATTGAAATGACTGCTGAGTACGCCTG
 CACAAGGAAACAGTTTAAACAGAGGCTCAGTGAATTTGGATTGATTGAGGAGAAATTTGCACTGATGGCT
 CAGAAGGCTTACGTATGGAGAGTATGACCTACCTCACAGCAGGATGCTGGACCAACCTGGCTTTCCCG
 ACTGCTCCATCGAGGCAGCCATGGTGAAGGTGTTGAGTCCGAGGCCCGCTGGCAGTGTGTGAGTGAGGC
 GCTGCAGATCCTCGGGGGCTTGGGCTACACAAGGGACTATCCGTACGAGCGCATCTGCGTGACACCCGC
 ATCCTCCTCATCTTCGAGGGAACCAATGAGATTCTCCGATGTACATCGCCCTGACGGGTCTGCAGCATG
 CCGGCCGATCCTGACTACCAGGATCCATGAGCTTAAACAGGCCAAAGTGAGCACAGTATGGATACCGT
 TGGCCGGAGGCTTCGGGACTCCCTGGGCCGAAGTGGACCTGGGGCTGACAGGCAACCATGGAGTTGTG
 CACCCTAGTCTTGGGACAGTGCCAACAAGTTTGAGGAGAACCTACTGCTTCGGCCGAGCCGTGGAGA
 CACTGCTGCTCCGCTTTGGCAAGACCATCATGGAGGAGCAGCTGGTACTGAAGCGGGTGCCAACATCCT
 CATCAACCTGTATGGCATGACGCCGTGCTGTCGCGGGCCAGCCGCTCCATCCGATTGGGCTCCGCAAC
 CACGACCACGAGGTTCTCTTGGCCAACCTTCTGCGTGAAGCTTACTTGAGAAATCTCTTCAGCTCT
 CTCAGCTGGACAAGTATGCTCCAGAAAACCTAGATGAGCAGATTAGAAAGTGTCCAGCAGATCCTTGA
 GAAGCGAGCCTATATCTGTGCCACCCTCTGGACAGGACATGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203235 protein sequence
 Red=Cloning site Green=Tags(s)

MSGCGLFLRTTAAARACRGLVVSTANRRLLRTSPPVRAFAKELFLGKIKKKEVFPFPEVSQDELNEINQF
 LGPVEKFFTEEVDNRIDQEGKIPDETLEKLKSLGLFGLQVPEEYGGGLFSNTMYSRLGEIISMDGSITV
 TLAHQAIKGLKGIILAGTEEQKAKYLPKLASGEHIAAFCLTEPASGSDAASIRSRATLSEDKKHILNGS
 KWIITNGGLANIFTVFAKTEVVDSDGSVKDKITAFIVERDFGGVTNGKPEDKLGIRGNTCEVHFENTKI
 PVENILGEVGDGFKVAMNINLSGRFSMGSVVAGLLKRLIEMTAEYACTRKQFNKRLSEFLIQEFALMA
 QKAYVMESMTYLTAGMLDQPGFDCSIEAAMVKVFSSEAAWQCVSEALQILGGLGYTRDYPYERILRDTR
 ILLIFEGTNEILRMYIALTGLQHAGRILTRIHELKQAKVSTVMDTVGRRLRDSLGRVLDLGLTGNHGVV
 HPSLADSANKFEENTYCFGRVTETLLLRFGKTIEMEEQLVKRVANILINLYGMTAVLSRASRSIRIGLRN
 HDHEVLLANTFCVEAYLQNLFSLSQLDKYAPENLDEQIKKVSQKILEKRAYICAHPLDRTC

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_014049
ORF Size:	1863 bp
Buffer:	PBS with 0.001% Pluronic F5407
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_014049.3, NP_054768.2</u>
RefSeq Size:	2608 bp
RefSeq ORF:	1866 bp
Locus ID:	28976
UniProt ID:	<u>Q9H845</u>
Cytogenetics:	3q21.3
MW:	68.8 kDa