

Product datasheet for **RC205849A1V**

Human ACADVL (NM_001033859) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ACADVL (NM_001033859) AAV Particle
Tag:	Myc-DDK
Symbol:	ACADVL
Synonyms:	ACAD6; LCACD; VLCAD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC205849 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGGCGGCTCGGATGGCCGCGAGCTTGGGCGGCAGCTGCTGAGGCTCGGGGCGGAAGCTCGCGGC
TCACGGCGCTCCTGGGGCAGCCCGGCCCGGCCCTGCCGCGGCCCTATGCCGGGGGTGCCGCTCAGGA
ATCTAAGTCCTTTGCTGTGGGAATGTTCAAAGGCCAGCTCACCACAGATCAGGTGTTCCCATACCCGTCC
GTGCTCAACGAAGAGCAGACACAGTTTCTTAAAGAGCTGGTGGAGCCTGTGTCCCGTTTCTTCGAGGAAG
TGAACGATCCCGCAAGAATGACGCTCTGGAGATGGTGGAGGAGACCATTGGCAGGGCCTCAAGGAGCT
GGGGGCCCTTTGGTCTGCAAGTGGCCAGTGAGCTGGTGGTGTGGGCCTTTGCAACACCCAGTACGCCGT
TTGGTGGAGATCGTGGGCATGCATGACCTTGGCGTGGCATTACCCTGGGGGCCCATCAGAGCATCGGTT
TCAAAGGCATCCTGCTCTTTGGCACAAGGCCAGAAAGAAAAATACCTCCCAAGCTGGCATCTGGGGA
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GTGCCCAGCCCCGTGTGGAATACTATACCCTCAATGGAAGCAAGCTTTGGATCAGTAATGGGGGCTAG
CAGACATCTTACGGTCTTTGCCAAGACACCAGTTACAGATCCAGCCACAGGAGCCGTGAAGGAGAAGAT
CACAGCTTTTGTGGTGGAGAGGGGCTTCGGGGGCATTACCCATGGGCCCCCTGAGAAGAAGATGGGCATC
AAGGCTTCAAACACAGCAGAGGTGTTCTTTGATGGAGTACGGGTGCCATCGGAGAACGTGCTGGGTGAGG
TTGGGAGTGGCTTCAAGGTTGCCATGCACATCTCAACAATGGAAGGTTTGGCATGGCTGCGGCCCTGGC
AGGTACCATGAGAGGCATATTGCTAAGGCGGTAGATCATGCCACTAATCGTACCCAGTTTGGGGAGAAA
ATTCACAACCTTTGGGCTGATCCAGGAGAAGCTGGCAGGATGGTTATGCTGCAGTATGTAAGTGAAGTCCA
TGGCTTACATGGTGAAGTGAATGACATGGACAGGAGCCACGACTTCCAGATAGAGGCCGCCATCAGCAA
AATCTTTGGCTCGGAGGCAGCCTGGAAGGTGACAGATGAATGCATCCAAATCATGGGGGTATGGGCTTC
ATGAAGGAACCTGGAGTAGAGCGTGTGCTCCGAGATCTTCGCATCTTCCGGATCTTTGAGGGGACAAATG
ACATTCTTCGGCTGTTTGTGGCTCTGCAGGGCTGTATGGACAAAGGAAAGGAGCTCTCTGGGCTTGGCAG
TGCTCTAAAGAATCCCTTTGGGAATGCTGGCCTCCTGCTAGGAGAGGCAGGCAACAGCTGAGGCGGCGG
GCAGGGCTGGGCAGCGGCTGAGTCTCAGCGGACTTGTCCACCCGGAGTTGAGTCGGAGTGGCGAGCTGG
CAGTACGGGCTCTGGAGCAGTTTGCCACTGTGGTGGAGGCCAAGCTGATAAAACACAAGAAGGGATTGT
CAATGAACAGTTTCTGCTGCAGCGGCTGGCAGACGGGGCCATCGACCTCTATGCCATGGTGGTGGTTCTC
TCGAGGGCCTCAAGATCCCTGAGTGAGGGCCACCCACGCCCCAGCATGAGAAAATGCTCTGTGACACCT
GGTGTATCGAGGCTGCAGCTCGGATCCGAGAGGGCATGGCCGCCCTGCAGTCTGACCCCTGGCAGCAAGA
GCTCTACCGCAACTTCAAAGCATCTCCAAGGCCTTGGTGGAGCGGGTGGTGTGGTACCAGCAACCCA
CTTGGCTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC205849 protein sequence Red=Cloning site Green=Tags(s) MQAARMAASLGRQLRLGGSSRLTALLGQPRPGPARRPYAGGAAQESKSFVGMFKGQLTTDQVFPYPS VLNEEQTQFLKELVEPVSRRFEEVNDPAKNDALMVEETTWQGLKELGAFGLQVPSELGGVGLCNTQYAR LVEIVGMHDLGVGITLGAHQSIGFKGILLFGTKAQKEKYLKPLASGETVAAFCLTEPSSGSDAASIRTS VPSPCGKYITLNGSKLWISNGGLADIFTVFAKTPVTDPATGAVKEKITAFVVERGFGGITHGPPEKKMGI KASNTAEVFFDGVVRPSENVLGEVSGFKVAMHILNNGRFGMAAALAGTMRGIIAKAVDHATNRTQFGEK IHNFGLIQEKLARMVMLQYVTESMAYMVSANMDQGATDFQIEAAISKIFGSEAANKVTDCEIQIMGGMGF MKEPGVERVLRDLRIFRIFEGTNDILRLFVALQGCMGKELSGLSALKNPFGNAGLLGEAGKQLRRR AGLGSLSLSGLVHPELSRSGELAVRALEQFATVVEAKLIKHKKGIVNEQFLLQRLADGAIDLAMVVVL SRASRSLSEGHPTAQHEKMLCDTWCIEAAARIREGMAALQSDPWQQLYRNFKSISKALVERGGVTSNP LGF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001033859
ORF Size:	1899 bp
Buffer:	PBS with 0.001% Pluronic F5772
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_001033859.1</u> , <u>NP_001029031.1</u>
RefSeq Size:	2230 bp
RefSeq ORF:	1902 bp
Locus ID:	37
UniProt ID:	<u>P49748</u>
Cytogenetics:	17p13.1
MW:	68.1 kDa