

Product datasheet for **RC204428A1V**

Human ACADVL (NM_000018) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ACADVL (NM_000018) 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:

>RC204428 representing NM_000018
Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGCAGGCGGCTCGGATGGCCGCGAGCTTGGGCGGCAGCTGCTGAGGCTCGGGGCGGAAGCTCGCGGC
TCACGGCGCTCCTGGGGCAGCCCGGCCCGGCCCTGCCGCGCGCCCTATGCCGGGGTGCCGCTCAGCT
GGCTCTGGACAAGTCAGATTCACCCCTCTGACGCTCTGACCAGGAAAAACCGGCAAGGCGGAATCT
AAGTCCTTTGCTGTGGAATGTTCAAAGGCCAGCTCACCACAGATCAGGTGTTCCCATACCCGTCCTGTC
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ACAACCTTTGGGCTGATCCAGGAGAAGCTGGCACGGATGGTTATGCTGCAGTATGTAAGTGAAGTCCATGGC
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GGCTGGGCAGCGGCCTGAGTCTCAGCGGACTTGTCCACCCGAGTTGAGTCGGAGTGGCAGCTGGCAGT
ACGGGCTCTGGAGCAGTTTGCCACTGTGGTGGAGGCCAAGCTGATAAAACACAAGAAGGGGATTGTCAAT
GAACAGTTTCTGCTGCAGCGGCTGGCAGACGGGGCCATCGACCTCTATGCCATGGTGGTGGTCTCTCGA
GGGCCTCAAGATCCCTGAGTGAGGGCCACCCACGGGCCAGCATGAGAAAATGCTCTGTGACACCTGGTG
TATCGAGGCTGCAGCTCGGATCCGAGAGGGCATGGCCGCCCTGCAGTCTGACCCCTGGCAGCAAGAGCTC
TACCGCAACTTCAAAGCATCTCCAAGGCCCTGGTGGAGCGGGGTGGTGTGGTACCAGCAACCCACTTG
GCTTC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC204428 representing NM_000018 Red=Cloning site Green=Tags(s) MQAARMAASLGRQLLRLLGGGSSRLTALLGQPRPGPARRPYAGGAAQLALDKSDSHPSDALTRKKPAKES KSFVAVGMFKGQLTTDQVFPYPSVLNEEQTLKELVEPVSRFFEEVNDPAKNDALMVEETTQGLKELG AFGLQVPSELGGVGLCNTQYARLVEIVGMHDLGVGITLGAHQSIGFKGILLFGTKAQKEKYLPLASGET VAAFCLTEPSSGSDAASIRTSVAVSPCGKYITLNGSKLWISNGGLADIFTVFAKTPVTDPATGAVKEKIT AFVVERGFGGITHGPPEKKMGIKASNTAEVFFDGVVPSENVLGEVSGFKVAMHILNNGRFGMAAALAG TMRGIIAKAVDHATNRTQFGEKIHNFGLIQEKLARMVMLQYVTESMAYMVSANMDQGATDFQIEAAISKI FGSEAANKVTDECIQIMGGMGFMKEPGVERVLRDLRIFRIFEGTNDILRLFVALQGCMDKGKELSGLSA LKNPFGNAGLLGEAGQLRRRAGLGSGLSLGLVHPELSRSGELAVRALEQFATVVEAKLIKHKKGIVN EQFLLQRLADGAIDLAMVVVLSRASRSLSEGHPTAQHEKMLCDTWCIEAAARIREGMAALQSDPWQQL YRNFKSISKALVERGGVTSNPLGF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000018
ORF Size:	1965 bp
Buffer:	PBS with 0.001% Pluronic F5574
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_000018.2</u>
RefSeq Size:	2296 bp
RefSeq ORF:	1968 bp
Locus ID:	37
UniProt ID:	<u>P49748</u>
Cytogenetics:	17p13.1
MW:	70.4 kDa