

Product datasheet for **RC225693A1V**

Human ACADM (NM_001127328) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	ACADM
Synonyms:	ACAD1; MCAD; MCADH
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC225693 representing NM_001127328
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCAGCGGGGTTCTGGGCGATGCTGCAGGTGTTCTTTACAGGTCCTGAGAAGTATTTCTCGTTTTTCATT
GGAGATCACAGCATACAAAAGCCAATCGACAACGTGAACCAGGATTAGGATTTAGTTTTGAGTTCACCGA
ACAGCAGAAAAGAAATTTCAAGCTACTGCTCGTAAATTTGCCAGAGAGGAAATCATCCCAGTGGCTGCAGAA
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GAATTCAGATTGGGAGAAAGGAATTAACATGGGCCAGCGATGTTAGATAGAGGAAATGTCTTCGA
AGATGTGAAAGTGCTAAAGAAATGTTTTAATTGGTGACGGAGCTGGTTTCAAAGTTGCAATGGGAGCT
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CTGATGCTGTGCAGATACTTGGAGGCAATGGATTTAATACAGAATATCCTGTAGAAAACTAATGAGGGA
TGCCAAATCTATCAGATTTATGAAGTACTTCACAAATTCAAAGACTTATTGTAGCCCGTGAACACATT
GACAAGTACAAAAAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC225693 representing NM_001127328 Red=Cloning site Green=Tags(s) MAAGFGRCRCRSLQVLRSISRFWRSQHTKANRQREPGLGFSFEFTEQQKEFQATARKFAREEIIPVAAE YDKTGEYVPVPLIRRAWELGLMNTHIPENCGLGLGTFDACLISEELAYGCTGVQTAIEGNSLGQMPIIIA GNDQQKKKYLGRMTEEPLMCAYCVTEPGAGSDVAGIKTKAEKKGDEYIINGQKMWITNGGKANWYFLLAR SDPDPKAPANKAFTGFIVEADTPGIQIGRKELNMGQRCSDRGIVFEDVKVPKENVLIGDGAGFKVAMGA FDKTRPVVAAGAVGLAQRALDEATKYALERKTFGKLLVEHQAI SFMLAEMAMKVELARMSYQRAAWEVDS GRRNTYYASIAKAFAGDIANQLATDAVQILGGNGFNTEYVPVEKLMRDAKIYQIYEGTSQIQRLIVAREHI DKYKN TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001127328
ORF Size:	1275 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:	<u>NM_001127328.1, NP_001120800.1</u>
RefSeq ORF:	1278 bp
Locus ID:	34
UniProt ID:	<u>P11310</u>
Cytogenetics:	1p31.1
MW:	47.02 kDa