

## Product datasheet for **RC225693A1V**

### Human ACADM (NM\_001127328) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human ACADM (NM\_001127328) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** ACADM  
**Synonyms:** ACAD1; MCAD; MCADH  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC225693 representing NM\_001127328  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGGCAGCGGGTTTCGGGCGATGCTGCAGGTGTTCTTTACAGGTCCTGAGAAGTATTTCTCGTTTTTCATT  
 GGAGATCACAGCATACAAAAGCCAATCGACAACGTGAACCAGGATTAGGATTTAGTTTTGAGTTCACCGA  
 ACAGCAGAAAAGAAATTTCAAGCTACTGCTCGTAAATTTGCCAGAGAGGAAATCATCCCAGTGGCTGCAGAA  
 TATGATAAAACTGGTGAATATCCAGTCCCCTAATTAGAAGAGCCTGGGAACCTGGTTTTAATGAACACAC  
 ACATCCAGAGAAGTGTGGAGGCTTTGGACTTGGAACTTTTGATGCTTTGTTAATTAGTGAAGAATTGGC  
 TTATGGATGTACAGGGGTTTCAGACTGCTATTGAAGGAAATTTCTTTGGGGCAAATGCCTATTATTATTGCT  
 GGAAATGATCAACAAAAGAAGAAGTATTTGGGAGAATGACTGAGGAGCCATTGATGTGTGCTTATTGTG  
 TAACAGAACCTGGAGCAGGCTCTGATGTAGCTGGTATAAAGACCAAAGCAGAAAAGAAAGGAGATGAGTA  
 TATTATTAATGGTCAGAAGATGTGGATAACCAACGGAGGAAAAGCTAATTGGTATTTTTTATTGGCACGT  
 TCTGATCCAGATCCTAAAGCTCCTGCTAATAAAGCCTTACTGGATTCATTGTGGAAGCAGATACCCAG  
 GAATTCAGATTGGGAGAAAGGAATTAACATGGGCCAGCGATGTTTCAGATACTAGAGGAATTGCTTTCGA  
 AGATGTGAAAAGTGCCTAAAGAAAATGTTTTAATTGGTGACGGAGCTGGTTTCAAAGTTGCAATGGGAGCT  
 TTTGATAAAACCAGACCTGTAGTAGCTGCTGGTGTGTTGGATTAGCACAAAGAGCTTTGGATGAAGCTA  
 CCAAGTATGCCCTGGAAAGGAAAACCTTCGAAAAGCTACTTGTAGAGCACAAGCAATATCATTTATGCT  
 GGCTGAAATGGCAATGAAAGTTGAACTAGCTAGAATGAGTTACAGAGAGCAGCTTTGGGAGGTTGATTCT  
 GGTCGTCGAAATACCTATTATGCTTCTATTGCAAAGGCATTTGCTGGAGATATTGCAAATCAGTTAGCTA  
 CTGATGCTGTGCAGATACTTTGGAGGCAATGGATTTAATACAGAATATCCTGTAGAAAAACTAATGAGGGA  
 TGCCAAAATCTATCAGATTTATGAAGGTAATTCACAAAATCAAAGACTTATTGTAGCCCGTGAACACATT  
 GACAAGTACAAAAAT

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAAGTTTAA



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<b>Protein Sequence:</b>	>RC225693 representing NM_001127328 Red=Cloning site Green=Tags(s)  MAAGFGRCRCRCSLQVLRISRFHWRSQHTKANRQREPGLGFSFEFTEQQKEFQATARKFAREEIIPVAAE YDKTGEYPVPLIRRAWELGLMNTHIPENCGGLGLGTFDACLI SEELAYGCTGVQTAIEGNSLGQMPIIIA GNDQQKKKYLGRMTEEPLMCAYCVTEPGAGSDVAGIKTKAEKKGDEYIINGQKMWITNGGKANWYFLLAR SDPDPKAPANKAFTGFIVEADTPGIQIGRKELNMGQRCSDRGIVFEDVKVPKENVLIGDGAGFKVAMGA FDKTRPVVAAGAVGLAQRALDEATKYALERKTFGKLLVEHQAI SFMLAEMAMKVELARMSYQRAAWEVDS GRRNTYYASIAKAFAGDIANQLATDAVQILGGNGFNTEYPVEKLMRDAKIYQIYEGTSQIQRLIVAREHI DKYKN  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_001127328
<b>ORF Size:</b>	1275 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u>NM_001127328.1</u> , <u>NP_001120800.1</u>
<b>RefSeq ORF:</b>	1278 bp
<b>Locus ID:</b>	34
<b>UniProt ID:</b>	<u>P11310</u>
<b>Cytogenetics:</b>	1p31.1
<b>MW:</b>	47.02 kDa