

## Product datasheet for **MR207232A1V**

### Mouse Acot2 (NM\_134188) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Acot2 (NM_134188) AAV Particle
Tag:	Myc-DDK
Symbol:	Acot2
Synonyms:	AA571646; MTE-I; Mte1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR207232 representing NM\_134188  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTGGCCTCGTCTTTTCGCTGTCTGAGAGCAAGCAGGTTGTGCCAACAGGATTGGAAGAGCTGGGCGC  
 GGCTGTTTGTACTCCGCCGCTCAGCACTGGTGGCCGGACCACTTGGGCCGGACAAATGCGACGCTGAG  
 CGTAGAGCCCGAGGGCCGACGCTGCTGGGACGAGCCGCTGAGCATCGCCGTGCGCGGCCTGGCCCCGAG  
 CAGCCCGTCACGCTGCGCTCTGCCTTGCAGCAGAGAAGGGCGCGCTCTTCCGAGCCACGCGCGCTACC  
 GCGCCGACGCTGGCGGAGCTGAACCTGGCGCGCGCCCGCTGGGCGGAGCTTCTCGGGGCTCGA  
 GCCCATGGGGTCTCTGGGCCATGGAGCCGAACGGCCTCTCTGGCGCTGATCAAGCGCAGCTGCAG  
 ACGCCCTTCTTGGTGGAGCTGGAGGTCTGGACGGACACGAGCCCGATGGCGGGCAGCGGCTGGCGCAGG  
 CGGTGCACGAGCGTCACTTCTTGGCTCCCGGGTGCAGCGCTGCCCGTACGAGAGGGCCGGGTGCGCGC  
 CAGCTCTTCTGCCCCAGAACCTGGACCCTTCTCTGGGATCATAGACCTTTTTGGAGTTGGAGGTGGC  
 CTTCTGGAGTATCGGGCGAGCCTGCTGGCTGGGAAGGGCTTTGCCGTGATGGCTCTGGCTTATTACAACT  
 ACGACGACCTCCCAAGAGCATAGAAACCATGCACATGGAGTACTTTGAAGAAGCCGTGAACCTACCTGCC  
 CAGCCACCCCGAGGTAAGGACCTGGAATTGGGCTGCTTGGGATTTCCAAAGGGGGTGAACCTGGCCTT  
 GCTATGGCCTCCTTCTGAAGGGCATCACAGCTGCTGTGGTCAATGGCTCCGTGGCTGCTGTTGGGA  
 ACACCATCTCTACAAGGATGAGACTATACCCCTGTGTCCCTTCTGAGAAACCAAGTCAAAATGACCAA  
 AGATGGTCTCTGGATGTCGTGGAAGCTCTGCAAAGCCCTCTGGTAGACAAGAAGAGCTTCAATCCCGTG  
 GAAAGGCTGACACGACCTTCTGTTCCTCGTAGGTGAGGACGACCAACTGGAAGAGCGAGTTCTATG  
 CTGATGAGATCTCCAAACGCTGCAGGCGCAGGGAAGGAGAAGCCCAAGATCATCTGCTACCCAGCAGC  
 AGGGCATTACATCGAGCCCTTACTTCCCGCTGTGCAGCGCTGGCATGCACCTCCTGGTGGGTGCCAAC  
 ATCACCTTTGGAGGGGAGCCAGGGCTCATGCCGTGGCCAGGTGGACGCATGGCAGCAGCTCCAGACTT  
 TCTTCCACAAACAGTTGGGTAGCAAGAGT

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR207232 representing NM\_134188  
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MVASSFAVLRASRLCQQDWKSWARL FVPPPLSTGGRTTWARTNATLSVEPEGRSCWDEPLSIAVRGLAPE  
 QPVTLSALRDEKGFRAHARYRADAGGELN LARAPALGGSFSGLEPMGLLWAMEPERPLWRLIKRDVQ  
 TPFLVELEVLGDGHEPDGGQRLAQAVHERHFLAPGVRRVPVREGRVRATLFLPPEPGPFPGIIDLFGVGGG  
 LLEYRASLLAGKGFVMAALAYNYDDLPKSIETMHMEYFEEAVNYLRSHPEVKGPGLGLGISKGGELGL  
 AMASFLKGITA AAVVINGSVAAVGNTISYKDETI PPVSLLRNQVKMTKDGLLDVVEALQSPLVDKKS FIPV  
 ERSDTTFLFLVGQDDHNWKSEFYADEISKRLQAHGKEKQIICYPAAGHYIEPPYFPLCSAGMHLLVGAN  
 ITFGGEPRAHAVAQVD AWQQLQTF FHKQLGSKS

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_134188

**ORF Size:**

1359 bp

**Buffer:**

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><a href="#">NM_134188.3</a></u> , <u><a href="#">NP_598949.3</a></u>
<b>RefSeq Size:</b>	2215 bp
<b>RefSeq ORF:</b>	1362 bp
<b>Locus ID:</b>	171210
<b>UniProt ID:</b>	<u><a href="#">Q9QYR9</a></u>
<b>Cytogenetics:</b>	12 D1
<b>MW:</b>	49.7 kDa