

Product datasheet for **MR218697A1V**

Mouse Acot4 (NM_134247) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Acot4 (NM_134247) AAV Particle
Tag:	Myc-DDK
Symbol:	Acot4
Synonyms:	B430212I04Rik; PTE-Ib; Pte1b; Pte2b
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR218697 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCAGCGACACTGAGCGTGGAGCCCACGGGCCGAGCTGCTGGGACGAGCCGCTGAGCATCGCCGTGC
GCGGCCTGGCCCCGAGCAGCCCGTCACGCTGCGCTCTGTCTGCGGACGAGAAGGGCGCGCTCTTCCG
AGCCCACGCGCGCTACCGCGCGGACTCCACGGCGAGCTGGACCTGGCGCGCTGCCCGCGCTGGCGCGC
AGCTTCTCGGGGCTCGAGCCCATGGGGCTGCTCTGGCCATGGAGCCCGATCGGCCTTTCTGGCGCTGA
TCAAGCGCGAGCTGCAGACGCCCTTCTTGGTGGAGCTGGAGGTGCTGGACGGACACGAGCCCGATGGCGG
GCGGCGGCTGGCGCGGACGGTGCAGAGCGTCACTTTCATGGCTCCCGGGGTGCGGCGCGTGCCTCGTGC
GAGGGCCGGGTGCGCGCCACGCTCTTCTGCCCCAGGACAAGGACCCTTCCAGGCATCATCGATGTTT
ATGGTGTGGAGGAGGCTGTTGGAATACCGAGCCGCGCTTGTGGCTGGCCATGGCTTTGCCACATTGGC
TCTGGCTTTTATGACTTTGAGGATCTCCCAAAGAGCTCAACGTCATAGAAGTGGACTACTTTGAAGAA
GCAGTGCAGTACATGCTTCGACATCAAAGGTAAGGAGCCAGACATTGGGCTTCTGGGTCTTCCCTAG
GAGCTGATGTCTGTCTGATCATGGCTTCTTCTTGAATAATGTCTCAGCCACAGTTTCCATCAATGGCTC
TGCAATTCAGTGGAAACAGACATATCAAGTACAAGCAGACCATGATTCCGCCGTTGGGCCATGACCTGAGG
AGAATGAAGGTGGCTTTCTCTGGCATTCTGGACATTGTGGATATACGGAATGATGCTGTAGGAGGCTGTG
AGAACCCAGCATGATACCAATAGAGAAGGCCAAGGGGCCATCCTCTTTGTGGCTGGCCAGGATGATCA
TTGCTGGAGGAGTGAGTTATATACTCAGATAGCCTCGGACCGGTTACAGGCTCATGGAAGGAAAGGCC
CAGGTACTCTTTACCCTGGGACTGGGCATTACATCGAACCACCTTACTTTCCCATGTGCCAGCTTCCC
TGCACAAAATAGTGAACGAAGCTGTGATTTGGGGAGGGGAGGTCAAGGCTCACTCCAAAGCCAGATAGA
TGCATGGAAGCAAATTCTATTCTTTTGGCAAACACCTGGGCAGTACCCACAGCAGAGCCTCTGTAGA
CTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR218697 protein sequence Red=Cloning site Green=Tags(s) MAATLSVEPTGRSCWDEPLSIIVRGLAPEQPVTLSVLRDEKGFRAHARYRADSHGELDLARVPALGG SFSGLEPMGLLWAMEPDRPFWRLIKRDVQTPFLVELEVLDGHEPDGRRRLARTVHERHFMAGVRRVPVR EGRVRATLFLPPGQGPFGIIDVYGVGGGLLEYRAGLVAGHGFATLALAFYDFEDLPKELNVIEVDYFEE AVRYMLRHPKVKGPDIGLLGLSLGADVCLIMASFLNNVSATVSINGSAFSGNRHIKYKQTMIPPLGHDLR RMKVAFSGILDIVDIRNDVGGCENPSMIEKAKGPILFVAGQDDHCWRSELYTQIASDRLQAHGKERP QVLSYPGTGHYIEPPYFPMCPASLHKIVNEAVIWGGEVKAHSAQIDAWKQILFFFGKHLGSTHSRASCRL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_134247
ORF Size:	1263 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_134247.3, NP_599008.3</u>
RefSeq Size:	2325 bp
RefSeq ORF:	1266 bp
Locus ID:	171282
UniProt ID:	<u>Q8BWN8</u>
Cytogenetics:	12 D1
MW:	46.5 kDa