

Product datasheet for **RC221302A1V**

Human ACOT1 (NM_001037161) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ACOT1 (NM_001037161) AAV Particle
Tag:	Myc-DDK
Symbol:	ACOT1
Synonyms:	ACH2; CTE-1; LACH2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC221302 representing NM_001037161 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCGGCGACGCTGATCCTGGAGCCCGCGGGCCGCTGCTGCTGGGACGAACCGGTGCGAATCGCCGTGC
GCGGCCTAGCCCCGAGCAGCCGGTCACGCTGCGCGCTCCCTGCGCGACGAGAAGGGCGCGCTTTTCCA
GGCCACGCGCGCTACCGCGCCGACACCCTTGGCGAGCTGGACCTGGAGCGCGCGCCCGCTGGCGCGC
AGCTTCGCGGGGCTTGAAGCCATGGGGCTGCTCTGGGCTTGGAGCCCGAGAAACCTTGGTGGCGCTGG
TGAAGCGCGACGTGCGAACGCCCTTGGCGGTGGAGCTGGAGGTGCTGGATGGCCACGACCCCGACCCCGG
GCGGCTGCTGTGCCGGGTGCGGCACGAGCGCTACTTCTCCCGCCGGGTGCGGCGCGAGCCGGTGGCG
GCGGGCCGGGTGCGAGGCACGCTCTTCTGCCGCCAGAACCTGGGCCCTTCTTGGCATTGTGGACATGT
TCGGAAGTGGAGGTGGCTGCTGGAGTATCGGGCTAGTCTGCTGGCTGGGAAGGGTTTTGCTGTGATGGC
TCTGGCTTACTATAACTATGAAGACCTCCCAAGACCATGGAGACGCTCCATCTGGAGTACTTTGAAGAA
GCTGTGAAGTACTTGTCTAGTCATCCTGAGGTAAAAGGTCCAGGAGTTGGGCTGCTTGAATTTCCAAAG
GGGGTGAAGTCTGCCTTTCCATGGCCTCTTCTGAAGGCGATCACGGCTGCTGTCGTCATCAACGGCTC
TGTGGCCAATGTTGGGGAACTTACGCTACAAGGCGAGACCCTGCCCTGTGGGCGTCAACAGAAAT
CGCATCAAGGTGACCAAAGATGGCTATGCAGACATTGTGGATGTCCTGAACAGCCCTTTGAAGGACCTG
ACCAGAAGAGCTTCATTCTGTGAAAGGGCAGAGAGCACCTTCTGTTCTGGTAGGTAGGTAGGATGACCA
CAACTGGAAGAGTGAGTTCTATGCTAATGAGGCCTGTAACGCTTGCAGGCCCATGGGAGGAGAAAGCCC
CAGATCATCTGTTACCCAGAGACAGGGCACTATATTGAGCCTCCTTACTTCCCCCTGTGTCGGGCTTCCC
TGCATGCCTTGGTGGGAGTCTATTATCTGGGAGGGGAGCCAGGGCTCATGCCATGGCTCAGGTGGA
TGCTTGGAAACAACTCCAGACTTTCTTCCACAAACACTTGGGTGGCCACGAGGGGACAATCCCATCAAAA
GTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC221302 representing NM_001037161 Red=Cloning site Green=Tags(s) MAATLILEPAGRCWDEPVRIAVRGLAPEQPVTLRASLRDEKGFQAHARYRADTLGELDLERAPALGG SFAGLEPMGLLWALEPEKPLVRLVKRDVRTPLAVELEVLDGHDPPGRLLCRVRHERYFLPPGVRREPVR AGRVRGTLFLPPEPGPFPGIVDMFGTGGGLLEYRASLLAGKGFAYMALAYNYEDLPKTMETLHLEYFEE AVNYLLSHPEVKGPGVGLLGISKGGELCLSMASFLKGITAAVINGSVANVGGLTRYKGETLPPVGVNRN RIKVTKDGYADIVDLNSPLEGPDQKSFIPVERAESTFLFLVGQDDHNWKSEFYANEACKRLQAHGRRKP QIICYPETGHYIEPPYFPLCRASLHALVGSPIIWGGEPRAHAMAQVDAWKQLQTFHKLHGGHEGTIPSK VTRTRPLEQKLISEEDLAANDILDYKDDDDKV* TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001037161
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_001037161.1</u>
RefSeq Size:	1603 bp
RefSeq ORF:	1266 bp
Locus ID:	641371
UniProt ID:	<u>Q86TX2</u>
Cytogenetics:	14q24.3
MW:	46.1 kDa