

Product datasheet for **RC201821A1V**

Human ACAT2 (NM_005891) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human ACAT2 (NM_005891) AAV Particle
Tag: Myc-DDK
Symbol: ACAT2
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC201821 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAATGCAGGCTCAGATCCTGTGGTCATCGTCTCGGCGGCGGGACCATCATAGGTTCTTCAATGGTG
CCTTAGCTGCTGTTCTGTCCAGGACCTGGGCTCCACTGTCATCAAAGAAGTCTGAAGAGGGCCACTGT
GGCTCCGGAAGATGTGTCTGAGGTCATCTTTGGACATGTCTTGGCAGCAGGCTGTGGGCAGAATCCTGTT
AGACAAGCCAGTGTGGGTGCAGGAATTCCTACTCTGTCCAGCATGGAGCTGCCAGATGATCTGTGGGT
CAGGCCTAAAAGCTGTGTGCCTTGCAGTCCAGTCAATAGGGATAGGAGACTCCAGCATTGTGGTGCAGG
AGGCATGGAAAATATGAGCAAGGCTCCTCACTTGGCTTACTTGAGAACAGGAGTAAAGATAGGTGAGATG
CCACTGACTGACAGTATACTCTGTGATGGTCTTACAGATGCATTTCACTGTCATATGGGTATTACAG
CTGAAAATGTAGCCAAAAAATGGCAAGTGAGTAGAGAAGATCAGGACAAGGTTGCAGTTCGTGCCAGAA
CAGGACAGAGAATGCACAGAAAGCTGGCCATTTTGACAAAGAGATTGTACCAGTTTTGGTGTCAACTAGA
AGAGGTCTTATTGAAGTTAAACAGATGAGTTTCTCGCCATGGGAGCAACATAGAAGCCATGTCCAAGC
TAAAGCCTTACTTTCTACTGATGGAACGGGAACAGTCACCCAGCCAATGCTTCAGGAATAAATGATGG
TGCTGCAGCTGTCGTTCTTATGAAGAAGTCAGAAGCTGATAAACGTGGACTTACACCTTTAGCACGGATA
GTTTCTGGTCCCAAGTGGGTGTGGAGCCTTCCATTATGGGAATAGGACCAATTCAGCCATAAAGCAAG
CTGTTACAAAAGCAGGTTGGTCACTGGAAGATGTTGACATATTTGAAATCAATGAAGCCTTTGCAGCTGT
CTCTGCTGCAATAGTTAAAGAACTTGGATTAACCCAGAGAAGGTCAATATTGAAGGAGGGGCTATAGCC
TTGGGCCACCCTCTTGGAGCATCTGGCTGTGCAATTCTTGTGACCCTGTTACACACACTGGAGAGAATGG
GCAGAAGTCGTGGTGTTCAGCCCTGTGCATTGGGGTGGGATGGGAATAGCAATGTGTGTTTCAGAGAGA
A

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC201821 protein sequence Red=Cloning site Green=Tags(s) MNAGSDPVVIVSAARTIIGSFNGALAAVPVQDLGSTVIKEVLKRATVAPEDVSEVIFGHVLAAGCGQNPV RQASVAGIPYSVPAWSCQMICGSLKAVCLAVQSIGIGDSSIVVAGGMENMSKAPHLAYLRTGVKIGEM PLTDSILCDGLTDAFHNMGITAENVAKKQVSREDQDKVAVLSQNRTEAQAQKAGHFDKEIVPVLVSTR RGLIEVKTDEFPRHGSNIEAMSKLPYFLTDGTGTVTPANASGINDGAAAVVLMKKSEADKRGLTPLARI VSWVQVGEPSIMGIGPIPAIKQAVTKAGWSLEDVDIFEINEAFAAVSAAIVKELGLNPEKVNIEGGAIA LGHPLGASGRILVTLHLTLERMGRSRGVAALCIGGGMIAMCVQRE TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005891
ORF Size:	1191 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_005891.1</u>
RefSeq Size:	1567 bp
RefSeq ORF:	1194 bp
Locus ID:	39
UniProt ID:	<u>Q9BWD1</u>
Cytogenetics:	6q25.3
MW:	41.4 kDa