

Product datasheet for **RC221140A1V**

Human Caveolin 3 (CAV3) (NM_033337) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human Caveolin 3 (CAV3) (NM_033337) AAV Particle
Tag: Myc-DDK
Symbol: Caveolin 3
Synonyms: LGMD1C; LQT9; MPDT; RMD2; VIP-21; VIP21
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC221140 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATGGCAGAAGAGCACACAGATCTCGAGGCCAGATCGTCAAGGATATCCACTGCAAGGAGATTGACC
TGGTGAACCGAGACCCCAAGAACATTACGAGGACATAGTCAAGGTGGATTTGAAGACGTGATCGCAGA
GCCTGTGGGCACCTACAGCTTTGACGGCGTGTGGAAGGTGAGCTACACCACCTTCACTGTCTCCAAGTAC
TGGTGCTACCGTCTGTTGTCCACGCTGCTGGGCGTCCCACTGGCCCTGCTCTGGGGCTTCTGTTGCGCT
GCATCTCCTTCTGCCACATCTGGGCGGTGGTGCCATGCATTAAGAGCTACCTGATCGAGATCCAGTGCAT
CAGCCACATCTACTCACTCTGCATCCGACCTTCTGCAACCCACTCTTCGCGGCCCTGGGCCAGGTCTGC
AGCAGCATCAAGGTGGTCTGCCGAAGGAGGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC221140 protein sequence
Red=Cloning site Green=Tags(s)

MMAEEHTDLEAQIVKDIHCKEIDL VNRDPKNINEDIVKVDFEDVIAEPVGTYSFDGVWVKVSYTFTVSKY
WCYRLLSTLLGVPLALLWGFLFACISFCHIWA VVPCIKSYLIEIQCISHIYSLCIRTFCNPLFAALGQVC
SSIKVVL RKEV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2



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ACCN:	NM_033337
ORF Size:	453 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_033337.1</u>
RefSeq Size:	1435 bp
RefSeq ORF:	456 bp
Locus ID:	859
UniProt ID:	<u>P56539</u>
Cytogenetics:	3p25.3
MW:	17.3 kDa