

Product datasheet for **RC215808A1V**

Human MCART2 (SLC25A52) (NM_001034172) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human MCART2 (SLC25A52) (NM_001034172) AAV Particle
Tag: Myc-DDK
Symbol: MCART2
Synonyms: MCART2
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC215808 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATAGATTCAGAAGCTCATGAAAAGAGGCCACCAATACTTACATCTTCAAACAAGATATATCACCTC
ATATTACAAATGTTGGTGAATGAAGCATTACTTGTGTGGCTGCTGTGCAGCCTTCAACAACGTCGCAAT
CACATATCCCATTCAGAAGGTCCTCTTCGGCAACAGCTGTATGGCATCAAACCCGGGATGCAGTACTT
CAGTTGAGAAGGGATGGATTTCAAATTTGTATCGTGGAATCCTTCCCCATTGATGCAGAAGACAATA
CGCTTGCACTTATGTTTGGTCTGTATGAGGATTTATCCTGCCTTCTCCGGAAGCATGCCGTCTCCAGA
GTTTGCAACCCATGGCGTGGCGCAGTGTTCAGGGACAGCAGAAGCAATTTTCACTCCACTGGAAAGA
GTTTCAGACATTGCTTCAAACCAAGCATCATGACAAATTTACCAACTTATCAGGCTTTCAAGGCAC
TGAAATGTCATGGAATTGGAGAGTATTATCGAGGCTTGGTGCCATTCTTTCCGGAATGGACTCAGCAA
TGTCTTGTTCGCGCTTCGAGGTCCTTAAGGAGCATCTGCCTACCGCAACGACTCACAGTGCTCAT
TTGGTCAATGATTTTATCGGTGGAGGTCTATTGGGTGCCATGTTGGGATTCTTGTGTTTTCAATTAATG
TTGTA AAAACTCGCATACAGTCTCAGATTGGTGGGAATTTAGTCTTTCCCAAGGTTTTCAAAAAAT
CTGGCTGGAACGGGACAGAAAAGTATAAATCTTTTCAGAGGTGCCATCTGAATTACCATCGGTCCTC
ATCTCTTGGGGCATAATCAATGCAACTATGAGTCTTGTAAAATTTATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC215808 protein sequence Red=Cloning site Green=Tags(s) MIDSEAHEKRPPILTSSKQDISPHITNVGEMKHYLCGCCAAFNNVAITYPIQKVLFRQQLYGIKTRDAVL QLRRDGFRLNLYRGILPPLMQKTTTLALMFGLYEDLSCLLRKHVRAPEFATHGVAAVLAGTAEAIPTPLER VQTLLQNHKHKHDKFTNTYQAFKALKCHGIGEYYRGLVPILFRNGLSNVLFGLRGPKEHLPTATTHSAH LVNDFIGGGLLGAMLGFLCFPINVVKTRIQSQIGGEFQSFVKVQKIWLERDRKLINLFRGAHLNYHRSLS ISWGIINATYEFLLKFI TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001034172
ORF Size:	891 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_001034172.1</u> , <u>NP_001029344.1</u>
RefSeq Size:	1185 bp
RefSeq ORF:	894 bp
Locus ID:	147407
UniProt ID:	<u>Q3SY17</u>
Cytogenetics:	18q12.1
MW:	33.7 kDa