

## Product datasheet for **RC206952A1V**

### Human MCU (NM\_138357) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human MCU (NM_138357) AAV Particle
Tag:	Myc-DDK
Symbol:	MCU
Synonyms:	C10orf42; CCDC109A; HsMCU
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC206952 representing NM_138357 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**

ATGGCGGCCGCCGAGGTAGATCGCTCCTGCTGCTCCTCTCCTCTCGGGCGGCCGGCGGGGGCGCCGCGGGCTCGGGGGCGCTGACTGCCGGCTGCTTCCCTGGGCTGGGCGTCAGCCGCCACCGGCAGCAGCAGCA  
CCACCGGACGGTACACCAGAGGATCGCTTCCCTGGCAGAATTTGGGAGCTGTTTATTGCAGCACTGTTGTG  
CCCTCTGATGATGTTACAGTGGTTTATCAAAATGGGTTACCTGTGATATCTGTGAGGCTACCATCCCGGC  
GTGAACGCTGTCAGTTCACACTCAAGCCTATCTGACTCTGTTGGTGTATTTTTACGACAATGCAAGA  
AGAGGATCGGGGAATTGACAGAGTTGCTATCTATTACCAGATGGTGTTCGCGTTGCTGCTTCAACAGGA  
ATAGACCTCCTCCTTGTGACTTTAAGCTGGTCATTAATGACTTAACATACCACGTACGACCACCAA  
AAAGAGACCTCTTAAGTCATGAAAATGCAGCAACGCTGAATGATGTAAGACATTGGTCCAGCAACTATA  
CACCACACTGTGCATTGAGCAGCACCAGTTAAACAAGGAAAGGGAGCTTATTGAAAGACTAGAGGATCTC  
AAAGAGCAGCTGGCTCCCCTGGAAAAGGTACGAATTGAGATTAGCAGAAAAGCTGAGAAGAGGACCACTT  
TGGTGCTATGGGGTGGCCTTGCCTACATGGCCACACAGTTTGGCATTGTTGGCCCGGCTTACCTGGTGGGA  
ATATTCCTGGGACATCATGGAGCCAGTAACATACTTCATCACTTATGGAAGTGCCATGGCAATGTATGCA  
TATTTTGTAAATGACACGCCAGGAATATGTTTATCCAGAAGCCAGAGACAGACAATACTTACTATTTTTCC  
ATAAAGGAGCCAAAAGTCACGTTTTGACCTAGAGAAAACAATCAACTCAAGGATGCAATTGCTCAGGC  
AGAAATGGACCTTAAGAGACTGAGAGACCCATTACAAGTACATCTGCCTCTCCGACAAATTGGTGAAAAA  
GAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC206952 representing NM\_138357  
 Red=Cloning site Green=Tags(s)

MAAAAGRSLLLLLSSRGGGGGAGGCGALTAGCFPGLGVSRRHQQQHHRTVHQRIASWQNLGAVYCSTVV  
 PSDDVTVVYQNGLPVISVRLPSRRERCQFTLKPISDSVGVFLRQLQEEDRGIDRVAIYSPDGVRVAASTG  
 IDLLLLDDFKLVINDLTYHVRPPKRDLLSHENAATLNDVKTLVQQLYTTLCIEQHQLNKERELIERLEDL  
 KEQLAPLEKVRIEISRKAEKRTTLVLWGGLAYMATQFGILARLTWWEYSWDIMEPVTYFITYGSAAMYA  
 YFVMTREQEYVYPEARDRQYLLFFHKGAKKSRFDLEKYNQLKDAIAQAEMDLKRLRDPLQVHLPLRQIGEK  
 D

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Species:** Human

**Serotype:** AAV-2

**ACCN:** NM\_138357

**ORF Size:** 1053 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:** [NM\\_138357.1](#)

**RefSeq Size:** 2978 bp

**RefSeq ORF:** 1056 bp

**Locus ID:** 90550

**UniProt ID:** [Q8NE86](#)

**Cytogenetics:** 10q22.1

**MW:** 39.7 kDa