

Product datasheet for **RC212805A1V**

Human ATP5MC2 (NM_005176) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human ATP5MC2 (NM_005176) AAV Particle
Tag: Myc-DDK
Symbol: ATP5MC2
Synonyms: ATP5A; ATP5G2
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC212805 representing NM_005176
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCCTGAGCTGATCCTGTATGTTGCAATCACTCTATCCGTGGCTGAGCGACTCGTTGGCCCGGGTCACG
CATGCGCTGAGCCTTCCTTCGCTCTTCCCGTGTCTCCGCCCTCTGTCTTCTCTGCAGTGGGAGCAG
CTCTCTGCCACAGCTCCTCACCCCTGAAAATGTTGCGCTGCTCCAAGTTTGTCTCCACTCCCTCCTTG
GTCAAGAGCACCTCACAGCTGCTGAGCCGTCCGCTATCTGCAGTGGTGTGAAACGACCGGAGATACTGA
CAGATGAGAGCCTCAGCAGCTTGGCAGTCTCATGTCCCCTTACCTCACTTGTCTCTAGCCGCAGCTTCCA
AACCAGCGCCATTTCAAGGGACATCGACACAGCAGCCAAGTTCATTGGAGCTGGGGCTGCCACAGTTGGG
GTGGCTGGTTCTGGGGCTGGGATTGGAAGTGTGTTGGGAGCCTCATCATTGGTTATGCCAGGAACCTT
CTCTGAAGCAACAGCTCTTCTCTACGCCATTCTGGGCTTGGCCTCTCGGAGGCCATGGGGCTCTTTTG
TCTGATGGTAGCCTTTCTCATCCTCTTTGCCATG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC212805 representing NM_005176
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MPSELILYVAITLSVAERLVGPGHACAEPFRSSRCSAPLCLLCGSSSPATAPHLKMFACSKFVSTPSL
VKSTSQLLSRPLSAVLKRPEILTDESLSLAVSCPLTSLVSSRSFQTSISRDIIDTAAKFIGAGAATVG
VAGSGAGIGTVFGSLIIGYARNPSLKQQLFSYAILGFALSEAMGLFCLMVAFLILFAM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human



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Serotype:	AAV-2
ACCN:	NM_005176
ORF Size:	594 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_005176.5</u> , <u>NP_005167.2</u>
RefSeq Size:	898 bp
RefSeq ORF:	426 bp
Locus ID:	517
UniProt ID:	<u>Q06055</u>
Cytogenetics:	12q13.13
MW:	20.51 kDa