

## Product datasheet for **RC218451A1V**

### Human MAP2 (NM\_031847) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human MAP2 (NM_031847) AAV Particle
Tag:	Myc-DDK
Symbol:	MAP2
Synonyms:	MAP-2; MAP2A; MAP2B; MAP2C
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC218451 representing NM\_031847  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCAGATGAACGGAAAGATGAAGCAAAGGCACCTCACTGGACCTCAGCACCGCTAACAGAGGCATCTG  
 CACACTCACATCCACCTGAGATTAAGGATCAAGGCGGAGCAGGGGAAGGACTTGTCCGAAGCGCCAATGG  
 ATTCCCATACAGGGAGGATGAAGAGGGTGCCTTTGGAGAGCATGGGTACAGGGCACCTATTCAAATACC  
 AAAGAGAATGGGATCAACGGAGAGCTGACCTCAGCTGACAGAGAAAACAGCAGAGGAGGTGTCTGCAAGGA  
 TAGTTCAAGTAGTCACTGCTGAGGCTGTAGCAGTCTGAAAGGTGAACAAGAGAAAAGAAGCTCAACATAA  
 AGACCAGACTGCAGCTCTGCCTTAGCAGCTGAAGAAACAGCTAATCTGCCTCCTTCTCCACCCCATCA  
 CCTGCCTCAGAACAGACTGTACAGTGGAGGAAGCAGCAGGTGGGGAATCAGCTCTGGCTCCCAGTGTAT  
 TAAACAGGCAAAGGACAAAGTCTCTGACGGAGTAACCAAGAGCCAGAAAAGCGCTCTTCTCTCCAAG  
 ACCTTCTCATTCTCCCTCCTCGGCGAGGTGTGTGAGGACAGAGATGAGAATTCCTTCTCTCTCAAC  
 AGTTCTATCTTCTTACGACGCGCGGACCACCAAGTCAAGAGCAATTCGAGAGCAGGGGAAGAGTGGTA  
 CCTCAACACCCACTACCCCTGGGTCTACTGCCATCACTCCTGGCACCCCAACCAAGTTATCTTACCGCAC  
 ACCAGGCACTCCTGGAACCCCTAGTATCCCAGGACCCCTCACACACCAGGAACCCCAAGTCTGCCATC  
 TTGGTGCCGAGTGAGAAGAAGGTGCGCCATCATACGTACTCCTCCAAAATCTCCTGCGACTCCCAAGCAGC  
 TTCGGCTTATTAACCAACCACTGCCAGACCTGAAGAATGTCAAATCCAAAATCGGATCAACAGACAACAT  
 CAAATACCAGCCTAAAGGGGGCAGGTTAGGATTTTAAACAAGAAGATCGATTTTAGCAAAGTTCAGTCC  
 AGATGTGGTCCAAGGATAACATCAAACATTCGGCTGGGGCGGAAATGTACAAATGTTACCAAGAAAA  
 TAGACCTAAGCCATGTGACATCAAATGTGGCTCTCTGAAGAACATCCGCCACAGGCAGGTGGCGGACG  
 TGTGAAAATTGAGAGTGTAAAACCTAGATTTCAAAGAAAAGGCCAAGCTAAAGTTGGTTCTCTTGATAAT  
 GCTCATCATGTACCTGGAGTGGTAATGTCAAGATTGACAGCCAAAAGTTGAACTTCAGAGAGCATGCTA  
 AAGCCCGTGTGGACCATGGGGCTGAGATCATTACACAGTCCCCAGGCAGATCCAGCGTGGCATCACCCCG  
 ACGACTCAGCAATGTCTCCTCGTCTGGAAGCATCAACCTGCTCGAATCTCCTCAGCTTGGCACTTTGGCT  
 GAGGATGCTACTGCTGCACTCGCTAAGCAGGGCTTG

**ACGGT**ACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

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MADERKDEAKAPHWTSAPL TEASAHSHPEIKDQGGAGEGLVRSANGFPYREDEEGAFGEHGSQGTYSNT  
 KENGINDELTSADRETAEEVSARIVQVVTAEAVAVLKGEQEKEAQHKDQTAALPLAAEETANLPPSPPPS  
 PASEQTVTVEEAAGGESALAPSVFKQAKDKVSDGVTKSPEKRSSLPRPSSILPPRRGVSGDRDENSEFLN  
 SSISSARRTTRSEPIRRAGKSGTSTPTTPGSTAITPGTPPSYSSRTPGTPGTPSYPRTPHTPGTPKSAI  
 LVPSEKKVAIIRTTPKSPATPKQLRLINQPLPDLKNVSKIGSTDNIKYPKGGQVRILNKKIDFSKVQS  
 RCGSKDNKHSAGGQNVQIVTKKIDLSHVTSKCGSLKNIRHRPGGGRVKIESVKLDFEKEAQAKVGLDN  
 AHHVPGGGNVKIDSQKLNFRHAKARVDHGAEEIITQSPGRSSVASPRRLSNVSSSGSINLLESPQLATLA  
 EDVTAALAKQGL

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_031847

**ORF Size:**

1506 bp

<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_031847.1</a></u>
<b>RefSeq Size:</b>	2559 bp
<b>RefSeq ORF:</b>	1509 bp
<b>Locus ID:</b>	4133
<b>UniProt ID:</b>	<u><a href="#">P11137</a></u>
<b>Cytogenetics:</b>	2q34
<b>MW:</b>	52.8 kDa