

## Product datasheet for **RC221681A1V**

### Human MAP2 (NM\_001039538) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human MAP2 (NM_001039538) 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:**

>RC221681 representing NM\_001039538  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCAGATGAACGGAAAGATGAAGCAAAGGCACCTCACTGGACCTCAGCACCGCTAACAGAGGCATCTG  
 CACACTCACATCCACCTGAGATTAAGGATCAAGGCGGAGCAGGGGAAGGACTTGTCCGAAGCGCCAATGG  
 ATTCCCATACAGGGAGGATGAAGAGGGTGCCTTTGGAGAGCATGGGTCACAGGGCACCTATTCAAATACC  
 AAAGAGAATGGGATCAACGGAGAGCTGACCTCAGCTGACAGAGAAAACAGCAGAGGAGGTGTCTGCAAGGA  
 TAGTTCAGTAGTCACTGCTGAGGCTGTAGCAGTCTGAAAGGTGAACAAGAGAAAGAAGCTCAACATAA  
 AGACCAGACTGCAGCTCTGCCTTAGCAGCTGAAGAAACAGCTAATCTGCCTCCTTCTCCACCCCATCA  
 CCTGCCTCAGAACAGACTGTACAGTGGAGGAAGCAGCAGGTGGGGAATCAGCTCTGGCTCCCAGTGTAT  
 TAAACAGGCAAAGGACAAAGTCTCTAATTCTACCTTGTCAAAGATTCTGCTTTACAGGGTAGCACAAA  
 GTCCCCAAGATACAGCTCAGCCTGCCCTAGCACGACTAAAAGGGCTACATTTTCTGACAGTTTATTAATA  
 CAGCCCACCTCAGCAGGCTCCACAGACCGTTTGCATACCTCAAATCAGGGAACAAGGACGGAGTAACCA  
 AGAGCCAGAAAAGCGCTCTTCTCTCCAAGACCTTCTCCATTCTCCCTCCTCGGCGAGGTGTGTCAGG  
 AGACAGAGATGAGAATTCCTTCTCTCAACAGTTCTATCTTCTTTCAGCACGGCGGACCACAGGTCA  
 GAGCCAATTCGCAGAGCAGGGAAGAGTGGTACCTCAACACCCACTACCCCTGGGTCTACTGCCATCACTC  
 CTGGCACCCCAAGTATTCTTACGCACACCAGGCACTCTGGAACCCCTAGCTATCCCAGGACCC  
 TCACACACCAGGAACCCCAAGTCTGCCATCTTGGTCCGAGTGAGAAGAAGGTGCCATCATACGACT  
 CCTCCAAAATCTCCTGCGACTCCAAGCAGCTTCGGCTTATTAACCAACCACTGCCAGACCTGAAGAATG  
 TCAAATCCAAAATCGGATCAACAGACAACATAAATACCAGCCTAAAGGGGGGAGGTTAGGATTTTAAA  
 CAAGAAGATCGATTTTAGCAAAGTTCAGTCCAGATGTGGTTCCAAGGATAACATCAAACATTCGGCTGGG  
 GGCGGAAATGTACAAATGTTACCAAGAAAATAGACCTAAGCCATGTGACATCCAAATGTGGCTCTCTGA  
 AGAACATCCGCCACAGGCCAGGTGGCGGACGTGTAAAATGAGAGTGTAAAAGTAAAGATTTCAAAGAAA  
 GGCCCAAGCTAAAGTTGGTTCTCTTGATAATGCTCATCATGTACCTGGAGGTGGTAATGTCAAGATTGAC  
 AGCCAAAAGTTGAACTTCAGAGAGCATGCTAAAGCCCGTGTGGACCATGGGGCTGAGATCATTACACAGT  
 CCCCAGGCAGATCCAGCGTGGCATCACCCGACGACTCAGCAATGTCTCCTCGTCTGGAAGCATCAACCT  
 GCTCGAATCTCCTCAGCTTGCCACTTTGGCTGAGGATGCTACTGCTGCACTCGCTAAGCAGGGCTTG

**ACGCGT**ACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

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MADERKDEAKAPHWTSAPL TEASAHSHPEIKDQGGAGEGLVRSANGFPYREDEEGAFGEHGSQGTYSNT  
 KENGINDELTSADRETAEEVSARIVQVVTAEAVAVLKGEQEKEAQHKDQTAALPLAAEETANLPPSPPPS  
 PASEQTVTVEEAAGGESALAPSVFKQAKDKVSNSTLSKIPALQGSTKSPRYSSACPSTTKRATFSDSLLI  
 QPTSAGSTDRLPYKSGNKDGVTKSPEKRSSLPRPSSILPPRRGVSGDRDENSFSLNSSISSARRTTRS  
 EPIRRAGKSGTSTPTPGSTAITPGTPPSYSSRTPGTPGTPSYRTPHTPGTPKSAILVPSEKVAIIRT  
 PPKSPATPKQLRLINQPLPDLKNVSKIGSTDNIKYQPKGGQVRILNKKIDFSKVQSRGSKDNIKHSAG  
 GGNVQIVTKKIDL SHVTSKCGSLKNIRHRPGGGRVKIESVKLDFKEKAQAKVGSLDNAHHVPGGGNVKID  
 SQKLNFRHAKARVDHGAEIITQSPGRSSVASPRRLSNVSSSGSINLLESPLATLAEDVTAALAKQGL

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_001039538

ORF Size:	1677 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><a href="#">NM_001039538.1</a></u>
RefSeq Size:	5844 bp
RefSeq ORF:	1680 bp
Locus ID:	4133
UniProt ID:	<u><a href="#">P11137</a></u>
Cytogenetics:	2q34
MW:	58.8 kDa