

Product datasheet for **RC207316A1V**

Human MA2 (PNMA2) (NM_007257) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MA2 (PNMA2) (NM_007257) AAV Particle
Tag:	Myc-DDK
Symbol:	MA2
Synonyms:	MA2; MM2; RGAG2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC207316 representing NM_007257 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCGCTGGCACTGTTAGAGGACTGGTGCAGGATAATGAGTGTGGATGAGCAGAAGTCACTGATGGTTA
CGGGGATACCGGCGGACTTTGAGGAGGCTGAGATTCAGGAGGTCCTTCAGGAGACTTTAAAGTCTCTGGG
CAGGTATAGACTGCTTGGCAAGATATCCGGAAGCAGGAGAATGCCAATGCTGTCTTACTAGAGCTTCTG
GAAGATACTGATGTCTCGGCCATTCCAGTGAGGTCCAGGAAAGGGGGGTGTCTGGAAGGTGATCTTTA
AGACCCCTAATCAGGACACTGAGTTTCTGAAAGATTGAACCTGTTTCTAGAAAAAGAGGGGCAGACGGT
CTCGGGTATGTTTCGAGCCCTGGGCGAGGAGGCGTGTCTCCAGCCACAGTGCCCTGCATCTCACCAGAA
TTACTGGCCCATTTGTTGGGACAGGCAATGGCACATGCGCCTCAGCCCTGCTACCCATGAGATACCGGA
AACTGCGAGTATTCTCAGGGAGTGTGTCCAGCCCCAGAGGAAGAGTCTTTGAGGTCTGGTTGGAACA
GGCCACGGAGATAGTCAAAGAGTGGCCAGTAACAGAGGCAGAAAAGAAAAGGTGGCTGGCGGAAAGCCTG
CGGGGCCCTGCCCTGGACCTCATGCACATAGTGACGCGCAGACAACCCGTCCATCAGTGTAGAAGAGTGTT
TGGAGGCCTTTAAGCAAGTGTGTTGGGAGCCTAGAGAGCCGAGGACAGCCAGGTGAGGTATCTGAAGAC
CTATCAGGAGGAAGGAGAGAAGGTCTCAGCCTATGTGTTACGGCTAGAAACCTGCTCCGAGAGCGGTG
GAGAAACGCGCCATCCCTCGGCGTATTGCGGACCAGGTGAGCCTGGAGCAGGTGATGGCTGGGGCCACTC
TTAACCAGATGCTGTGGTGCCGCTTAGGGAGCTGAAGGATCAGGGCCCGCCCCCAGCTTCCTTGAGCT
AATGAAGTAATACGGGAAGAAGAGGAGGAAGAGGCCTCCTTTGAGAATGAGAGTATCGAAGAGCCAGAG
GAACGAGATGGCTATGGCCGCTGGAATCATGAGGGAGACGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC207316 representing NM_007257 Red=Cloning site Green=Tags(s) MALALLEDWCRIMSVDEQKSLMVTGIPADFEEAEIQEVLQETLKSLGRYRLGKIFRKQENANAVLLELL EDTDVSAIPSEVQGGGVWVKVIFKTPNQDTEFLERLNLFLEKEGQTVSGMFRALGQEGVSPATVPCISPE LLAHLGQAMAHAPQLLPMRYRKLRFVSGSAVPAPEEESFEVWLEQATEIVKEWPVTEAEKKRWLAESL RGPALDLMHIVQADNPISVEECLEAFKQVFGSLESRRTAQVRYLKTYQEEGEKVSAYVLRLETLLRRAV EKRAIPRRIADQVSLEQVMAGATLNQMLWCRLRELKDQGPSPFLELMKVIREEEEEASFENESIEEPE ERDGYGRWNHEGDD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_007257
ORF Size:	1092 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_007257.4
RefSeq Size:	4788 bp
RefSeq ORF:	1095 bp
Locus ID:	10687
UniProt ID:	Q9UL42
Cytogenetics:	8p21.2
MW:	41.3 kDa