

Product datasheet for **RC203472A1V**

Human PMM2 (NM_000303) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PMM2 (NM_000303) AAV Particle
Tag:	Myc-DDK
Symbol:	PMM2
Synonyms:	CDG1; CDG1a; CDGS; PMI; PMI1; PMM 2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC203472 representing NM_000303 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCAGCGCCTGGCCAGCGCTCTGCCTCTTCGACGTGGATGGGACCCTCACCGCCCCGCGGCAGAAAA
 TTACCAAGAAATGGATGACTTCCTACAAAAATTGAGGCAGAAGATCAAATCGGAGTGGTAGGCGGATC
 GGACTTTGAGAAAGTGCAGGAGCAACTGGGAAATGATGTGGTTGAAAAATACGATTATGTGTTCCAGAA
 AATGGCTTGGTAGCATACAAAGATGGGAACTCTGTGTAGACAGAATATTCAAAGTCATCTGGGTGAGG
 CCCTAATCCAAGATTAACTCACTACTGTCTGAGCTACATTGCGAAAAATAACTCCCGAAGAAGAGGGG
 TACTTTTCATTGAATCCGAAATGGGATGTTAAACGTGTCCCTATTGGAAGAAGCTGCAGCCAAGAAGAA
 CGCATTGAGTTCTACGAACTCGATAAAAAAGAAAAATATAAGACAAAAGTTGTAGCAGATCTACGAAAAG
 AGTTTGCTGGAAAAGGCCTCACGTTTTCCATAGGAGGCCAGATCAGCTTTGATGTCTTTCCTGATGGATG
 GGACAAGAGATACTGTCTGCGACATGTGAAAAATGACGGTTATAAGACCATTATTTCTTTGGAGACAAA
 ACTATGCCAGGTGGCAATGACCATGAGATCTTCACAGACCCAGAACCATGGGCTACTCCGTGACAGCGC
 CTGAGGACACGCGCAGGATCTGTGAACGTCTGTTCTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence:	>RC203472 representing NM_000303 Red=Cloning site Green=Tags(s) MAAPGALCLFDVDGTLTAPRQKITKEMDDFLQKLRQKIKIGVVGSDFEKVQEQLGNDVVEKYDYVFPE NGLVAYKDGKLLCRQNIQSHLGEALIQDLINYCLSYIAKIKLPKKRGTFIEFRNGMLNVSPIGRSCSQEE RIEFYELDKKENIRQKFVADLRKEFAGKGLTFSIGGQISFDVFPDGDWKRYCLRHVENDGYKTIYFFGDK TMPGGNDHEIFTDPRTMGYSVTAPEDTRRICELLFS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000303
ORF Size:	738 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_000303.1</u>
RefSeq Size:	2302 bp
RefSeq ORF:	741 bp
Locus ID:	5373
UniProt ID:	<u>O15305</u>
Cytogenetics:	16p13.2
MW:	27.9 kDa