

Product datasheet for **RC212918A1V**

Human PPM1B (NM_002706) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PPM1B (NM_002706) AAV Particle
Tag:	Myc-DDK
Symbol:	PPM1B
Synonyms:	PP2C-beta; PP2C-beta-X; PP2CB; PP2CBETA; PPC2BETAX
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC212918 representing NM_002706
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTGCATTTTGGATAAACCCAAAACCTGAAAAACATAATGCTCATGGTGCTGGGAATGGTTTACGTT
 ATGGCCTGAGCAGCATGCAAGGATGGAGAGTGGAAATGGAAGATGCACACACAGCTGTTGTAGGTATTCC
 TCACGGCTTGAAGACTGGTCATTTTTTGCAGTTTATGATGGTCATGCTGGATCCCGAGTGGCAAATTAC
 TGCTCAACACATTTATTAGAACACATCACTACTAACGAAGACTTTAGGGCAGCTGGAAAAATCAGGATCTG
 CTCTTGAGCTTTCAGTGGAAAAATGTTAAGAATGGTATCAGAACTGGATTTTTGAAAAATGATGAATACAT
 GCGTAACCTTTCAGACCTCAGAAACGGGATGGACAGGAGTGGTCACTGCAGTGGGAGTTATGATTTC
 CCTAAGCATATCTACTTTATCACTGTGGTATTACGCTGCTGTTCTGTATAGGAATGGACAAGTCTGCT
 TTTCTACCCAGGATCACAAACCTTGAATCCAAGGGAAAAGGAGCGAATCCAAATGCAGGAGGCAGCGT
 GATGATACAACGTGTTAATGGTTCATTAGCAGTATCTCGTCTCTGGGGACTATGATTACAAGTGTGTT
 GATGGCAAGGGCCCAACAGAACAACCTGTTTCTCCAGAGCCTGAGGTTTATGAAATTTTAAAGAGCAGAAG
 AGGATGAATTTATCATCTTGGCTTGTGATGGGATCTGGGATGTTATGAGTAATGAGGAGCTCTGTGAATA
 TGTTAAATCTAGGCTTGAGGTATCTGATGACCTGGAAAAATGTGTGCAATTGGGTAGTGGACACTTGTGTTA
 CACAAGGGAAGTCGAGATAACATGAGTATTGTACTAGTTTGCTTTTCAAATGCTCCCAAGGTCTCAGATG
 AAGCGGTGAAAAAAGATTAGAGTTGGATAAGCACTTGAATCACGGGTGAAGAGATTATGGAGAAGTC
 TGGCGAGGAAGGAATGCCTGATCTTGCCCATGTCATGCGCATCTTGTCTGCAGAAAAATCCCAAATTTG
 CCTCTGGGGGAGGTCTTGCTGGCAAGCGTAATGTTATTGAAGCTGTTTATAGTAGACTGAATCCACATA
 GAGAAAGTATGGGGCCTCCGATGAAGCAGAGGAAAGTGGATCACAGGGAAAAATGGTGGAGCTCTCAG
 GCAAAATGAGAATTAATCATAGGGGAAACTACCGACAACCTCTGGAGGAGATGCTGACTAGTTACAGGCTA
 GCTAAAGTAGAGGGAGAAGAAAGCCCTGCTGAACAGCTGCCACAGCTACTTCTTGAACAGTGTGCTG
 GAAACCCAGTGACAATGCAGGAAAGCCATACTGAATCAGAAAGTGGTCTTGTGTAATTAGACAGCTCTAA
 TGAAGATGCAGGGACAAAGATGAGTGGTAAAAAATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MGAFLDKPKTEKHNAHGAGNGLRYGLSSMQGWRVEMEDAHTAVVGIPHGLEDWSFFAVYDGHAGSRVANY
 CSTHLLHITNEDFRAAGKSGSALELSVENVKNGIRTGFLKIDYMRNFSDLRNGMDRSGSTAVGVMIS
 PKHIYFINCGDSRAVLYRNGQVCFSTQDHKPCNPREKERIQNAGGSVMIQRVNGSLAVSRALGDYDYKCV
 DGKGPTEQLVSPEPEVYEILRAEDEFIILACDGIWDVMSNEELCEYVKSRLVSDDLNVNWNVDTCL
 HKGSRDNMSIVLVCFSNAPKVSDEAVKKDSELDKHLESRVEEIMEKSGEEGMPDLAHVMRILSAENIPNL
 PPGGGLAGKRNVEAVYSRLNPHRESGASDEAEESGSGKLVLEALRQMRINHRGNRYQLLEMLTSYRL
 AKVEGEESPAEPAATATSSNSDAGNPVTMQESHTESSEGLAELDSSNEDAGTKMSGEKI

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_002706

ORF Size:

1437 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_002706.3</u>
RefSeq Size:	2605 bp
RefSeq ORF:	1440 bp
Locus ID:	5495
UniProt ID:	<u>O75688</u>
Cytogenetics:	2p21
MW:	52.5 kDa