

Product datasheet for **RC200056A1V**

Human PPP2R1A (NM_014225) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PPP2R1A (NM_014225) AAV Particle
Tag:	Myc-DDK
Symbol:	PPP2R1A
Synonyms:	MRD36; PP2A-Aalpha; PP2AA; PP2AAALPHA; PR65A
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC200056 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCGCGCGCCGACGGCGACGACTCGCTGTACCCCATCGCGGTGCTCATAGACGAACCTCCGAATGAGG
 ACGTTTCAGCTTCGCCTCAACAGCATCAAGAAGCTGTCCACCATCGCCTTGGCCCTTGGGGTTGAAAGGAC
 CCGAAGTGAGCTTCTGCCTTTCCCTTACAGATACCATCTATGATGAAGATGAGGTCTCCTGGCCCTGGCA
 GAACAGCTGGGAACCTTCACTACCCTGGTGGGAGGCCAGAGTACGTGCACTGCCTGCTGCCACCGCTGG
 AGTCGCTGGCCACAGTGGAGGAGACAGTGGTGGGACAAGGCAGTGGAGTCTTACGGGCCATCTCACA
 CGAGCACTCGCCCTCTGACCTGGAGGCGCACTTTGTCCGCTAGTGAAGCGGCTGGCGGGCGGCGACTGG
 TTCACCTCCCGCACCTCGGCCTGCGGCCTCTTCTCCGTCTGTACCCCGAGTGTCCAGTCTGTGAAGG
 CGGAATTCGACAGTACTTCGGAACCTGTGCTCAGATGACACCCCATGGTGGCGGGCGGCGCAGCCTC
 CAAGCTGGGGGAGTTTGCCAAGGTGCTGGAGCTGGACAACGTCAAGAGTGAGATCATCCCATGTTCTCC
 AACCTGGCCTCTGACGAGCAGGACTCGGTGCGGCTGCTGGCGGTGGAGGCGTGCCTGAACATCGCCACGC
 TTCTGCCCCAGGAGGATCTGGAGGCCCTGGTGATGCCACTCTGCGCCAGGCCGCTGAAGACAAGTCTG
 GCGCGTCCGCTACATGGTGGCTGACAAGTTCACAGAGCTCCAGAAAGCAGTGGGGCTGAGATCACCAAG
 ACAGACCTGGTCCCTGCCTTCCAGAACCTGATGAAAGACTGTGAGGCGGAGGTGAGGGCCGCGAGCCTCCC
 ACAAGGTCAAAGAGTTCTGTGAAAACCTCTCAGCTGACTGTGGGAGAATGTGATCATGTCCCAGATCTT
 GCCCTGCATCAAGGAGCTGGTGTCCGATGCCAACCAACATGTCAAGTCTGCCCTGGCCTCAGTCATCATG
 GGTCTCTCTCCCATCTTGGGCAAAGACAACACCATCGAGCACCTCTTGCCCTCTTCTGGCTCAGCTGA
 AGGATGAGTGGCCTGAGGTACGGCTGAACATCATCTTAACCTGGACTGTGTGAACGAGGTGATTGGCAT
 CCGGCAGCTGTCCAGTCCCTGCTCCCTGCCATTGTGGAGCTGGCTGAGGACGCCAAGTGGCGGGTGGCG
 CTGGCCATCATTGAGTACATGCCCTCTGGCTGGACAGCTGGGAGTGGAGTTCTTTGATGAGAACTTA
 ACTCCTGTGATGGCCTGGCTGTGGATCATGTATATGCCATCCGCGAGGCAGCCACCAGCAACCTGAA
 GAAGCTAGTGGAAAAGTTTGGGAAGGAGTGGGCCCATGCCACAATCATCCCCAAGGTCTTGGCCATGTCC
 GGAGACCCCAACTACCTGCACCGCATGACTACGCTCTTCTGCATCAATGTGCTGTCTGAGGTCTGTGGC
 AGGACATCACCAAGCACATGCTACCCACGGTCTGCGCATGGCTGGGACCCGGTTGCCAATGTCCG
 CTTCAATGTGGCAAGTCTCTGCAGAAGATAGGGCCCATCTGGACAACAGCACCTTGACAGTGAAGTC
 AAGCCCATCTAGAGAAGCTGACCCAGGACCAGGATGTGGACGTCAAATACTTTGCCAGGAGGCTCTGA
 CTGTTCTGTCTCTCGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200056 protein sequence
 Red=Cloning site Green=Tags(s)

MAAADGDDSLYPIAVLIDELRNEDVQLRLNSIKKLSTIALALGVERTRELLPFLTDITIDEDEVLLALA
 EQLGTFITLVGGPEYVHCLLPPLSLATVEETVVRDKAVESLRAISHEHSPSDLEAHFVPLVKRLAGGDW
 FTSRTSACGLFSVCYPRVSSAVKAELRQYFRNLCSDDTPMVRRAASKLGEFAKVLELDNVKSEIIPMFS
 NLASDEQDSVRLLAVEACVNIAQLLPQEDLEALVMPTLRQAAEDKSWRVRYMVADKFTLQKAVGPEITK
 TDLVPAFQNLMDCEAEVRAASHKVKEFCENLSADCRENVIMSQILPCIKELVSDANQHVKSALASVIM
 GLSPILGKDNTIEHLLPLFLAQLKDECPEVRLNIISNLDCVNEVIGIRLSQSLPAIVELAEDAKWVR
 LAIIEYMPLLAGQLGVEFFDEKLNSLCMAWLVDHVYAIREAATSNLKKLVEKFGKEWAHATIIPKVLAMS
 GPNYLHRMTTLFCINVLSEVCGQDITTKHMLPTVLRMAGDPVANVRFNVAKSLQKIGPILDNSTLQSEV
 KPILEKLTQDQVDVKYFAQEALTVLSLA

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_014225
ORF Size:	1767 bp
Buffer:	PBS with 0.001% Pluronic F5008
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_014225.3</u>
RefSeq Size:	2519 bp
RefSeq ORF:	1770 bp
Locus ID:	5518
UniProt ID:	<u>P30153</u>
Cytogenetics:	19q13.41
MW:	65.3 kDa