

Product datasheet for **RC201754A1V**

Human MPP1 (NM_002436) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MPP1 (NM_002436) AAV Particle
Tag:	Myc-DDK
Symbol:	MPP1
Synonyms:	AAG12; DXS552E; EMP55; MRG1; PEMP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201754 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGACCCTCAAGGCGAGCGAGGGCGAGAGTGGGGCAGCATGCACACGGCGCTCTCCGACCTCTACCTGG
 AGCATTTGCTGCAGAAGCGTAGTCGGCCAGAGGCTGTATCGCATTCCATTGAATACTGTGACCGAGGACAT
 GTACACCAACGGGTCTCCTGCCCGAGGTAGCCCTGCCAGGTCAAGGGACAGGAGGTGCGGAAAGTGCGA
 CTCATACAGTTTGAAGGTACAGAAGAGCCCATGGGAATCACGCTGAAGCTGAATGAAAAACAGTCCT
 GTACGGTGGCCAGAATTCTTCATGGTGGCATGATCCATAGACAAGGCTCCCTTCACGTGGGGGATGAGAT
 CCTAGAAATCAATGGCACAATGTGACAAATCATTAGTGGATCAGCTGCAGAAGGCGATGAAAGAAACC
 AAAGGAATGATCTCATTAAAAGTAATCCCAACGACAAAGCCGCTCTCCTGCACTACAGATGTTTATGA
 GAGCGCAGTTTGACTATGATCCAAAAAGGACAATCTGATCCCTTGAAGGAGGCGGGACTGAAGTTTGC
 TACTGGGACATTATCCAGATTATCAACAAGGATGACAGCAATTGGTGGCAGGACGGGTGGAAGGCTCC
 TCCAAGGAGTCAGCAGGATTGATCCCTTCCCCTGAGCTGACGGAATGGCGAGTGGCAAGTATGGCTCAGT
 CAGCTCCTAGCGAAGCCCGAGCTGCAGTCCCTTTGGGAAGAAGAAGTACAAAGACAATATCTGGC
 CAAGCACAGCTCGATTTTGTATCAGTTGGATGTTGTTTCTACGAGGAAGTCGTTTCGGCTCCCTGCATTC
 AAGAGGAAGACCTGGTGTGATCGGAGCCAGTGGGTGGGTCGAGCCACATTAAGAATGCCCTGCTCA
 GCCAGAATCCGGAGAAGTTTGTGTACCTGTCCCATATACAACACGGCCGCCAAGGAAGAGTGAGGAAGA
 TGGGAAGGAGTACCACCTTATCTCAACGGAGGAGATGACGAGGAACATCTCTGCCAATGAGTTCTTGGAG
 TTTGGCAGCTACCAAGGCAACATGTTTGGCACCAAAATTTGAAACAGTGCACCAGATCCATAAGCAGAACA
 AGATTGCCATCCTTGACATTGAGCCCCAGACCTGAAAATTTGTCGACAGCAGAACTTTCGCCCTTTCAT
 TGTGTTTATTGCACCTACTGACCAAGGGCACTCAGACAGAAGCCCTGCAGCAGCTGCAGAAGGACTCTGAG
 GCCATCCGACGACGATACGCTCACTACTTTGACCTCTCACTGGTCAATAATGGTGTGATGAAACCCCTTA
 AGAAATTACAAGAAGCCTTCGACCAAGCGTGCAGTTCTCCACAGTGGGTGCCTGTCTCTGGGTTTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201754 protein sequence
 Red=Cloning site Green=Tags(s)

MTLKASEGESGGSMHTALSDLYLEHLLQKRSRPEAVSHPLNTVTEDMYTNGSPAPGSPAQVKQGEVRKVR
 LIQFEKVTEPMGITLKLNEKQSVARILHGGMIHRQGS�HVGEILEINGTNTNHSVDQLQKAMKET
 KGMISLKVIPNQSRPALQMFMAQFDYDPKKNLIPCKEAGLKATGDIIQIINKDDSNWWQGRVEGS
 SKESAGLIPSELQEWVASMAQSAPSEAPSCSPFGKKKKYKDKYLAKHSSIFDQLDVVSYEIVRLPAF
 KRKTLVLIGASGVGRSHIKNALLSQNPEKFVYPVPTTRPPRKSEEDGKEYHFISTEEMTRNISANEFLE
 FGSYQGNMFGTKFETVHQIHKQNKIAILDIEPQTLKIVRTAELSPFIVFIAPTDQGTQTEALQQLQKDSE
 AIRSQYAHYFDLSLVNNGVDETLKKLQEAQDQACSSPQWVPVSWYY

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_002436

ORF Size:

1398 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_002436.2</u>
RefSeq Size:	2067 bp
RefSeq ORF:	1401 bp
Locus ID:	4354
UniProt ID:	<u>Q00013</u>
Cytogenetics:	Xq28
MW:	52.3 kDa