

Product datasheet for **RC217017A1V**

Human PMPCA (NM_015160) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PMPCA (NM_015160) AAV Particle
Tag:	Myc-DDK
Symbol:	PMPCA
Synonyms:	Alpha-MPP; CLA1; CPD3; INPP5E; MAS2; P-55; SCAR2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC217017 representing NM_015160
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCGGCTGTGGTGCTGGCGGCGACGCGTTGCTGCGGGGCTCGGGTCTTGGGGCTGTTTCGCGGCTGA
 GGTTTGACCTCCTGCGTACAGACGGTTTAGTAGTGGTGGTGCCTATCCCAACATCCCCCTCTCTCTCC
 CTTACCTGGAGTACCAAGCCTGTTTTTGTACAGTTGATGGACAGGAAAAGTTTGAAACCAAGTAACC
 ACATTGGATAATGGGCTTCGCGTGGCATCTCAGAATAAGTTTGGACAGTTTGTACAGTAGGAATCTTA
 TCAATTCAGGATCGAGATATGAAGCGAAATACCTAGTGAATTGCTCACTTTTTGAAAAATTGGCATT
 TTCGTCTACTGCTCGATTGACAGCAAAGATGAAATCTGCTTACGTTGAAAAGCATGGGGTATCTGT
 TACTGCCAGACATCAAGAGACACCACCATGTATGCTGTGTCTGCTGATAGCAAAGGCTTGGACACGGTGG
 TTGCCTTACTGGCTGATGTGGTCTGCAGCCCCGGCTAACAGATGAAGAAGTCGAGATGACGCGGATGGC
 GGTCCAGTTTGAGCTGGAGGACCTGAACCTGCGGCCTGACCCAGAGCCACTTCTACCGAGATGATTCTAT
 GAAGCGGCTTACAGGGAGAACACAGTTGGCCTCCACCGTTTCTGCCCCACAGAAAACGTAGCAAAGATCA
 ATCGAGAGGTGCTGCATTCTACCTGAGGAACACTACACTCCCGACCGCATGGTGTGGCCGGCGTGGG
 CGTGGAGCACGAGCATCTGGTGGACTGTGCCGGAAAGTACCTCCTGGGGGTCCAGCCGGCCTGGGGGAGC
 GCAGAGGCCGTGGATATTGACAGATCTGTGGCCAGTACACTGGGGGATTGCCAAGCTAGAAAGAGACA
 TGTCCAATGTCAGCCTGGGCCCCGACCCCATCCCCGAGCTCACGCACATCATGGTTGGACTGGAGAGCTG
 CTCCTTCTGGAGGAGGACTTCATCCCCTTTCAGTGTGAACATGATGATGGGCGGAGGTGGCTCCTTC
 TCGGCTGGTGGGCCCGCAAGGGCATGTTCTCCAGGCTCTACCTCAACGTGCTCAACAGGCACCACTGGA
 TGTATAACGCGACCTCTACCACACAGCTACGAGGACACTGGCCTCCTTGCATCCATGCCAGCGCCGA
 CCAAGACAGGTTTCGAGAAATGGTAGAAATCATCACAAGGAGTTTATTTAATGGGCGGAACCGTGGAC
 ACGGTGGAGCTGGAACGAGCCAAGACGAGCTGACATCAATGCTCATGATGAACCTGGAATCCAGGCCTG
 TGATCTTCGAGGATGTGGGGAGGCAGGTGCTGGCCACTCGCTCCAGAAAGCTGCCGCACGAGCTGTGCAC
 GCTCATCCGCAACGTGAAGCCGGAAGATGTGAAGAGAGTCGTTCTAAGATGCTCCGAGGGAAGCCGGCA
 GTGGCCGCCCTGGGTGACCTGACTGACCTGCCACGTATGAGCACATCCAGACCGCCCTGTCGAGTAAGG
 ACGGGCGCCTGCCAGGACGTACCGGCTCTCCGG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAAVVLAATRLLRSGSWGCSRLRFPPAYRRFSSGGAYPNIPSSPLPGVPKPVFATVDGQEFETKVT
 TLDNGLRVASQNKFGQFCTVGILINSGSRYEAKYLSGIAHFLEKLAFSSSTARFDSKDEILLTLEKHGGIC
 YCQTSRDTTMYAVSADSKGLDTVVALLADVVLQPRLTDEEVEMTRMAVQFELEDNLNRPDPEPLITEMIH
 EAAYRENTVGLHRFCPTENVAKINREVLHLSYLRNYYPDRMVLAVGVGEHEHLVDCARKYLLGVQPAWGS
 AEAVDIDRSVAQYTGIAKLERDMSNVSLGPTPIPELTHIMVGLSECSFLEEDFIPFAVLNMMMGSGGSF
 SAGGPGKGMFSRLYLNVLNRHHWMYNATSYHHSYEDTGLLCIHASADPRQVREMEIITKEFILMGGTV
 TVELERAKTQLTSMMLNLESRPVIFEDVGRQVLATRSRKLPHLCTLRNVKPEDVKRVASKMLRGKPA
 VAALGDLTDLPTYEHIQTALSSKDGRLPRTYRLFR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_015160

ORF Size:

1575 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_015160.1</u>
RefSeq Size:	2097 bp
RefSeq ORF:	1578 bp
Locus ID:	23203
UniProt ID:	<u>Q10713</u>
Cytogenetics:	9q34.3
MW:	58.1 kDa