

Product datasheet for **RC208903A1V**

Human MPP3 (NM_001932) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MPP3 (NM_001932) AAV Particle
Tag:	Myc-DDK
Symbol:	MPP3
Synonyms:	DLG3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC208903 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGCCAGTGCTATCGGAGGACTCTGTTTGCATGAAACCTGGCCCTGCTGACCTCCAGCTCAGACCTG
 ACTCCAACCACAAGGAGGAGATGGGCTTCTGAGGGATGTTTTAGTGAAAAAGCCTCAGTTACTTAAT
 GAAGATTCATGAGAAGCTTCGCTATTATGAAAGGCAAAGTCCAACCCAGTTCTGCACAGCGCTGTGGCC
 CTCGCTGAGGACGTGATGGAGGAGTGCAGGCCGCTCCGTGCACAGTGATGAGAGGAGCTGCTCCAGC
 TGCTGTCCACCCCGCACCTGAGGGCTGTGCTCATGGTACATGACACGGTTGCCAGAAGAATTTGACCC
 CGTTCTCCCGCTCTGCCTGACAATATCGATGAGGATTTTATGAGGAATCGGTGAAGATCGTCCGCTTG
 GTGAAGAACAAGGAACCCCTGGTGCCACCATCCGGCGGGACGAGCACTCAGGGGCTGTTGTGGTGGCCA
 GGATCATGCGAGGAGGCGCAGCAGAGAGCGGCCTGGTCCACGTTGGAGATGAGCTCCGAGAAGTGAA
 CGGGATCGCAGTCTGCACAAGCGGCCGACGAGATCAGCCAGATTCTGGCCAGTCCCAGGGATCCATC
 ACCCTAAAAATCATCCCAGCCACCCAGGAGGAAGATCGCTTAAAGGAGAGCAAGGTGTTATGCGCGCCC
 TCTTCCACTACAACCTCGGGAGGACCGGGCCATCCCTTGCCAGGAGGCGGGCTGCCCTTCCAGCGCAG
 GCAGGTCTGGAGGTGGTGAGCCAGGACGACCCACGTGGTGGCAGGCCAAGCGAGTCCGGGACACCAAC
 CTTGAGCCGGCTCATCCCCTCAAGGGGTTCCAGGAGAGACGACTAAGCTACCGGAGAGCCCGGGCA
 CCCTGCCGAGCCCCCAGAGCCTCAGGAAGCCCCCTATGATCAGCCTTGACAAAGAGACCTGTGACTG
 TGAGGGTACCTCAAAGGGCACTATGTGGTGGTCTTCGGAGGAGCTCCGGTGGGCTGTAGGGAGAGA
 CTGGGTGGCTCGCAGGAAGGAAAGATGTCTCCGAGCTGAGTCTCCGAGCTGCTGACTTACGAAGAGG
 TGCCAGGTACCAACACAGCCCGGAGAGCGGCCCGCTGGTGGTCTGATCGGGTCTCTGGGAGCCCG
 ACTGCACGAGCTGAAGCAAAAGGTGGTGGCTGAGAACCACAGCACTTTGGCGTCGCTGTTCCACATACC
 ACCAGGCCCCGAAGAGCCATGAGAAGGAAGAGTGAATATCACTTTGTGTCTAAGCAAGCATTGAGG
 CCGACTTACATCACAACAAGTTCCTGGAACATGGTGAATATAAGGAAAATCTGTATGGAACCAGCCTGGA
 GGCCATTAGGCTGTTATGGCAAAAACAAGTTTGTGGTGGATGTGGAGCCAGAAGCACTGAAACAA
 CTGAGGACCTCAGAATTTAAACCTATATTATTTGTAAGCCTGCAATTGAGGAAAAAGAAAAACGC
 CACCTATGTCCCAGCTTGTGAGGACACAGCAGCCCCATTTGATGAGCAGCAGCAAGAGATGGCCGCTTC
 TGCCGCTTCATAGACCGGCTTACGGGCACCTGGTAGACGCCGTGCTGGTGAAGGAGGATCTCCAGGT
 GCCTACAGCCAGCTCAAAGTGGTCTTAGAGAAGCTGAGCAAGGACACTACTGGGTACCTGTTAGTTGG
 TCAGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208903 protein sequence
 Red=Cloning site Green=Tags(s)

MPVLSEDSGLHETLALLTSQLRPDSNHKEEMGFLRDVFSEKSLSYLMKIHEKLYRYERQSPTPVLHSAVA
 LAEDVMEELQAASVHSDERELLQLLSTPHLRVLMVHDTVAQKNFDPVLPPLPDNIDEDFDEESVKIVRL
 VKNKEPLGATIRRDEHSGAVVVARIMRGAADRSLVHVGDELREVNIGI AVLHKRPDEISQILAQSQSGSI
 TLKIIIPATQEEDRLKESKVFMRALFHYNPREDRAIPCQEAGLPFQRRQVLEVVVSQDDPTWWQAKRVGDTN
 LRAGLIPSKGFQERRLSYRRAAGTLPSQSLRKPPYDQPCDKETCDCEGYLKGHYVAGLRRSFRGCRER
 LGGSQEGKMSSGAESPELLTYEEVARYQHQPGERPRLVVLIGSLGARLHELKQKVVAENPQHFVAVPHT
 TRPRKSHEKEGYEHFVSKQAFEADLHHNKFLHEGEYKENLYGTSLEAIQAVMAKNKVCLVDVEPEALKQ
 LRTSEFKPYIIFVKPAIQEKRTPPMSPACEDTAAPFDEQQQEMAASAFIDRHYGHLVDAVLVKEDLQG
 AYSQKVVLEKLSKDTHTWVPVSWVR

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001932
ORF Size:	1755 bp
Buffer:	PBS with 0.001% Pluronic F6341
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_001932.2</u>
RefSeq Size:	2851 bp
RefSeq ORF:	1758 bp
Locus ID:	4356
UniProt ID:	<u>Q13368</u>
Cytogenetics:	17q21.31
MW:	66.2 kDa