

Product datasheet for **RC207440A1V**

Human MPND (NM_032868) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MPND (NM_032868) AAV Particle
Tag:	Myc-DDK
Symbol:	MPND
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC207440 representing NM_032868 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCAGCTCCGGAGCCGCTGTCCCGGGCGGGCGGTGCGGGCGAGGAGGCGCCGGAGGAGGACGAGGACG
AAGCGGAGGCCGAGGACCCTGAGCGGCCGAATGCGGGAGCGGGCGGTGGACGCACTGGCGGCGGGCGCAG
TAGCGTCAGCGGAGGAGGCGGGCGGGCGGGCGGAGCGGGGGCTGCGGCGGGCCCGGGGCGCGCTC
ACCAGGCGCGCGGTCACTGCGGGTGCTCCTCAAAGACGCGTGCTGGAGCCTGGCGCCGGGGTGCTGT
CCATCTACTACCTGGGAAGAAGTTCCTGGGCGACCTGCAGCCAGACGGAAGGATCATGTGGCAGGAGAC
CGGGCAGACCTTCAACTCACCCAGCGCCTGGGCCACCCACTGCAAGAAGCTGGTGAACCTTGCCAAGAAG
TCGGGCTGTGGCTGGGCCTCTGTCAAGTACAAAGGCCAGAACTGGACAAGTACAAGGCCACCTGGCTCC
GGCTGCACAGCTGCACACGCTGCCACGGCTGCTGATGAGAGCCAGCCAGTGAAGGGGAGGAGGAGGA
GTTGCTGATGGAAGAGGAGGAGGAGGACGTTCTGGCGGGGTCTCAGCAGAGGACAAGAGTCGGAGACCA
CTGGGGAAGAGCCCTTCAGAGCCTGCCACCCGAGGCCACAACCCAGGGAAGCGGGTGGACAGCAAGA
TCCGGGTTCCGGTCCGCTACTGCATGCTGGGCGCCGCGACTTGGCCAGGAACCCACACCCCTGGTGGA
AGTAACATCCTTTGCAGCCATCAACAAGTTCAGCCGTTCAACGTGGCTGTTTCTAGCAACGTGCTGTTT
CTGCTGGACTTCACAGTCACCTGACACGAGTGAGGTCGTGGGTTACCTGGGGGCGCTGGGACGTC
ACAGCCAGATGCTGACGGTGCTCAGAGCCTTCCCTTGTGCGAGCCGGCTCGGGGACGACAGAGACTGCAGC
TGCCATCGAAGAGGAGATCTACCAGAGCCTGTTCTGCGGGGCCTGTCCCTGGTGGGCTGGTACCACAGC
CACCCACACAGCCCGGCGCTGCCATCTCTGCAGGACATCGACGACAGATGGACTACCAGCTGCGGCTGC
AGGGCTCCAGCAATGGCTTCAGCCCTGCCTCGCCCTGCTGCTCCCTTACTATTCTGGCAACCCAGG
CCCCGAGTCCAAGATCTCGCCTTTCTGGGTGATGCCTCCTCCGAGATGCTGCTGGTGGAGTTCTACAAG
GGTTCCCTGACCTCGTGAGGCTCCAGGAACCTGGAGCCAGGAGCACACCTACCTCGACAAGCTTAAGA
TCTCCTGGCCAGCAGGACGCCAAGGACCAGAGCCTGTGTACGTCTGGAACAGGTGTGCGGCGTCT
CAAGCAGGGGAGC

AC**CGGGCCG**CTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
TTACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC207440 representing NM_032868 Red=Cloning site Green=Tags(s) MAAPEPLSPAGGAGEEAPEEDEDEAEADPERPNAGAGGGRSGGGGSSVSGGGGGGAGAGGCGGPGGAL TRRAVTLRLVKDALLEPGAGVLSIYYLGKKFLGDLQPDGRIMWQETGQTFNSPSAWATHCKKLVNPAKK SGCWASVYKYGQKLDKYKATWLRHLQLHTPATAADESPASEGEEEEELMEEEEEDVLAVSAEDKSRRP LGKSPSEPAHPEATTPGKRVDKIRVPVRYCMLGSRDLARNPHTLVEVTSFAAINKFQPFNVAVSSNVLF LLDHFHSLTRSEVVGYLGGRWVNSQMLTVLRAFPSCRSLGDAETAAAIIEEIIYQSLFLRGLSLVGWYHS HPHSPALPSLQDIDAQMDYQLRLQGSSNGFQPCALLCSPYYSGNPGPESKISPFWVMPPPEMLLVEFYK GSPDLVRLQEPWSQEHTYLDKLIKISLASRTPKQSLCHVLEQVCGVLKQGS TRRLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_032868
ORF Size:	1413 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_032868.2</u>
RefSeq Size:	1530 bp
RefSeq ORF:	1416 bp
Locus ID:	84954
UniProt ID:	<u>Q8N594</u>
Cytogenetics:	19p13.3
MW:	50.5 kDa