

Product datasheet for **RC228364A1V**

Human MPND (NM_001159846) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human MPND (NM_001159846) AAV Particle
Tag: Myc-DDK
Symbol: MPND
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC228364 representing NM_001159846
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**

ATGGCAGCTCCGGAGCCGCTGTCCCGGCGGGCGGTGCGGGCGAGGAGGCGCCGGAGGAGGACGAGGACG
AAGCGGAGGCCGAGGACCCTGAGCGGCCGAATGCGGGAGCGGGCGGTGGACGCACTGGCGGCGGGCGCAG
TAGCGTCAGCGGAGGAGGCGGGCGGGCGGGGCGGGGCTGCGGCGGGCCCGGGGCGCGCTC
ACCAGGCGCGCGGTCACTGCGGGTGCTCCTCAAAGACGCGTGCTGGAGCCTGGCGCCGGGTGCTGT
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CGGGCAGACCTTCAACTACCCAGCGCCTGGGCCACCCACTGCAAGAAGCTGGTGAACCTGCCAAGAAG
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GTTGCTGATGGAAGAGGAGGAGGAGGACGTTCTGGCAGGGGTCTCAGCAGAGGACAAGAGTCGGAGACCA
CTGGGGAAGAGCCCTTCAGAGCCTGCCACCCGAGGCCACAACCCAGGGAAGCGGGTGGACAGCAAGA
TCCGGGTTCCGGTCCGCTACTGCATGCTGGGCGCCGCGACTTGGCCAGGAACCCACACCCCTGGTGA
AGTAACATCCTTTGCAGCCATCAACAAGTTCCAGCCGTTCAACGTGGCTGTTTCTAGCAACGTGCTGTT
CTGCTGATCTACCAGAGCCTGTTCTGCGGGGCTGTCCCTGGTGGGCTGGTACCACAGCCACCCACACA
GCCCGGCGCTGCCATCTCTGCAGGACATCGACGCACAGATGGACTACCAGCTGCGGCTGCAGGGCTCCAG
CAATGGCTTCCAGCCCTGCCTCGCCCTGCTGCTGCCCTTACTATTCTGGCAACCCAGGCCCGAGTCC
AAGATCTCACCTTTCTGGGTGATGCCTCCTCCCGAGCAAAGGCCAGTACTATGGCATCCCCATGGATG
TGGAGATGGCCTACGTCCAGGACAGTTCTGACCAATGACATCCTTCACGAGATGATGCTGCTGGTGA
GTTCTACAAGGGTTCCCTGACCTCGTGAGGCTCCAGGAACCTGGAGCCAGGAGCACACCTACCTCGAC
AAGCTTAAGATCTCCTTGGCCAGCAGGACGCCAAGGACCAGAGCCTGTGTCACGTCTGGAACAGGTGT
GCGGCGTCTCAAGCAGGGGAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC228364 representing NM_001159846 Red=Cloning site Green=Tags(s) MAAPEPLSPAGGAGEEAPEEDEDEAEADPERPNAGAGGGRSGGGGSSVSGGGGGGAGAGGCGGPGGAL TRRAVTLRVLLKDALLEPGAGVLSIYYLGKKFLGDLQPDGRIMWQETGQTFNPSAWATHCKKL VNPAAK SGCGWASVKYKGQKLDKYKATWLRHLQLHTPATAADESPASEGEEEEELMEEEEEDVLAVSAEDKSRRP LGKSPSEPAHPEATTPGKRVDKIRVPVRYCMLGSRDLARNPHTLVEVTSFAAINKFQPFNVAVSSNVLF LLIYQSLFLRGLSLVGWYHSHPHSPALPSLQDIDAQMDYQLRLQGSSNGFQPCLALLCSPYYSGNPGPES KISPFWMPPPEQRPSDYGIPMDVEMAYVQDSFLTNDILHEMMLLVEFYKGSPDLVRLQEPWSQEHTYLD KLKISLASRTPKDQSLCHVLEQVCGVLKQGS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001159846
ORF Size:	1353 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_001159846.1, NP_001153318.1</u>
RefSeq ORF:	1356 bp
Locus ID:	84954
UniProt ID:	<u>Q8N594</u>
Cytogenetics:	19p13.3
MW:	48.4 kDa