

Product datasheet for **RC218429A1V**

Human Netrin 1 (NTN1) (NM_004822) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Netrin 1 (NTN1) (NM_004822) AAV Particle
Tag:	Myc-DDK
Symbol:	NTN1
Synonyms:	MRMV4; NTN1L
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC218429 representing NM_004822
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGATGCGCGCAGTGTGGGAGGCGCTGGCGGCGCTGGCGGCGGTGGCGTGCCTGGTGGGCGCGGTGCGCG
 GCGGGCCCGGGCTCAGCATGTTTCGCGGGCCAGGCGGCGCAGCCGATCCCTGCTCGGACGAGAACGGCCA
 CCCGCGCGCTGCATCCCGGACTTTGTCAATGCGGCCTTCGGCAAGGACGTGCGCGTGTCCAGCACCTGC
 GCGCGGCCCCGGCGCGCTACTGCGTGGTGAGCGAGCGCGGAGGAGCGGCTGCGCTCGTGCCACCTCT
 GCAACGCGTCCGACCCAAGAAGGCGCACCCGCCCGCTTCTCACCGACCTCAACAACCCGCACAACCT
 GACGTGCTGGCAGTCCGAGAATACCTGCAGTTCCCGCACAACGTACGCTCACACTGTCCTCGGCAAG
 AAGTTCGAAGTGACCTACGTGAGCCTGCAGTTCTGCTCGCGCGGCGCGAGTCCATGGCCATCTACAAGT
 CCATGGACTACGGGCGCACGTGGGTGCCCTTCCAGTTCTACTCCACGAGTGGCGCAAGATGTACAACCG
 GCCGCACCGCGCGCCCATCACCAGCAGAACGAGCAGGAGGCGGTGTGCACCGACTCGCACACCGACATG
 CGCCCGCTCTCGGGCGGCTCATCGCCTTCAGCACGCTGGACGGCGGCGCTCGGCGCACGACTTCGACA
 ACTCGCCCGTGTGTCAGGACTGGGTACGGCCACAGACATCCGCGTGGCCTTCAGCCGCCTGCACACGTT
 CGGCGACGAGAACGAGGACGACTCGGAGCTGGCGCGGACTCGTACTTCTACGCGGTGTCCGACCTGCAG
 GTGGGCGGCGGTGCAAGTGCAACGGCCACGCGGCCGCTGCGTGCAGCACCGCACCGACGCTGGTGT
 GCGACTGCAGGCACAACCGGCCGCGCGGAGTGCGACCGCTGCAAGCCCTTCCACTACGACCGGCGCTG
 GCAGCGCGCCACAGCCCGCAAGCCAACGAGTGCGTGGCTGTAAGTCAACCTGCATGCGCGCGCTGC
 CGTTCAACATGGAGCTCTACAAGCTTTCGGGGCGCAAGAGCGGAGGTGTCTGCCTCAACTGTGCCACA
 ACACCGCGCGCGCCACTGCCATTACTGCAAGGAGGGCTACTACCGCGACATGGGCAAGCCCATCACCA
 CCGGAAGGCGCTGCAAGCCTGTGATTGCCACCTGTGGGTGCTGCTGGCAAAACCTGCAACCAAAACCAAC
 GGCCAGTGTCCCTGCAAGGACGCGGTGACGGGTATCACCTGCAACCGCTGCGCCAAGGCTACAGCAGA
 GCGCTCTCCATCGCCCCCTGCATAAAGATCCCTGTAGCGCCGCGGACGACTGCAGCCAGCAGCGTGGA
 GGAGCCTGAAGACTGCGATTCTACTGCAAGGCTCCAAGGGGAAGCTGAAGATTAACATGAAAAAGTAC
 TGCAAGAAGGACTATGCCGTCCAGATCCACATCTGAAGGCGGACAAGGCGGGGACTGGTGGAAGTTCA
 CGGTGAACATCATCTCGTGTATAAGCAGGGCACGAGCCGATCCGCGCGGTGACCAGAGCCTGTGGAT
 CCGCTCGCGGGACATCGCTGCAAGTGTCCAAAATCAAGCCCTCAAGAAGTACCTGCTGCTGGGCAAC
 GCGGAGGACTCTCCGACAGAGCGGCATCGTGGCGGATAAAGCAGCCTGGTGATCCAGTGGCGGGACA
 CGTGGGCGGCGGCTGCGCAAGTTCAGCAGCGTGAGAAGAAGGGCAAGTGAAGAAGGCC

AGCGGACCGACGCGTACGCGGCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MMRAVWEALAALA AAVACLVGAVRGGPGLSMFAGQAAQPDPCSDENGHPRRICIPDFVNAAFGKDVRSSTC
 ARPPARYCVVVSERGEERLR SCHLCNASDPKKAHPAFLTDLNPNHNLTCWQSENYLQFPNHVTLTSLGK
 KFEVTVYSLQFCSPRPESMAIYKSMDYGRTWVPFQFYSTQCRKMYNRPHPRAPITKQNEQEAVCTDSHTDM
 RPLSGGLIAFSTLDGRPSAHDFDNSPVLQDWVTATDIRVAFSRLHTFGDENEDDSELARDSYFYAVSDLQ
 VGGRCCKNGHAARCVRDRDLSLVCDCRHNTAGPECDCRCKPFHYDRPWQRATAREANECVACNCLHARRC
 RFNMELYKLSGRKSGGVCLNCRHNTAGRHCHYCKEGYYRDMGKPI THRKACKACDCHPVGAAGKTCNQTT
 GQCPCKDGVGTGITCNRAKAGYQQSRSPAIPIKIPVAPPTTAASSVEEPEDCDSYCKASKGKLKINMKKY
 CKKDYAVQIHLKADKAGDWWKFTVNIISVYKQGTSRIRRGDQSLWIRSRDIACKCPKIKPLKLYLLGN
 AEDSPDQSGIVADKSSSLVIQWRDTHWARRLRKFQQRKKGKCKKA

SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_004822
ORF Size:	1812 bp
Buffer:	PBS with 0.001% Pluronic F7847
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_004822.1</u>
RefSeq Size:	1989 bp
RefSeq ORF:	1815 bp
Locus ID:	9423
UniProt ID:	<u>O95631</u>
Cytogenetics:	17p13.1
MW:	67.6 kDa