

Product datasheet for **RC225925A1V**

Human Netrin G1 (NTNG1) (NM_001113226) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Netrin G1 (NTNG1) (NM_001113226) AAV Particle
Tag:	Myc-DDK
Symbol:	Netrin G1
Synonyms:	Lmnt1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC225925 representing NM_001113226
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGATTTGTCAAGATTCTGTGATTATGCCCTTTGGGTTACGGTGTCTCAGTGATGCAGCCCTACC
 CTTTGGTTTGGGGACATTATGATTTGTGTAAAGACTCAGATTTACACGGAAGAAGGAAAAGTTGGGATTA
 CATGGCCTGCCAGCCGAATCCACGGACATGACAAAATATCTGAAAGTAAAACCTCGATCTCCGGATATT
 ACCTGTGGAGACCCTCTGAGACGTTCTGTGCAATGGGCAATCCCTACATGTGCAATAATGAGTGTGATG
 CGAGTACCCTGAGCTGGCACACCCCTGAGCTGATGTTTGAATTTTGAAGGAAGACATCCCTCCACATT
 TTGGCAGTCTGCCACTTGAAGGAGTATCCAAGCCTCTCCAGGTTAACATCACTCTGTCTTGGAGCAA
 ACCATTGAGCTAACAGACAACATAGTTATTACCTTTGAATCTGGGCGTCCAGACCAATGATCCTGGAGA
 AGTCTCTCGATTATGGACGAACATGGCAGCCCTATCAGTATTATGCCACAGACTGCTTAGATGCTTTTCA
 CATGGATCCTAAATCCGTGAAGGATTTATCACAGCATACGGTCTTAGAAATCATTGACAGAAGAGTAC
 TCAACAGGGTATACAACAAATAGCAAAATAATCCACTTTGAAATCAAAGACAGGTTCCGCTTTTTTGGCTG
 GACCTCGCTACGCAATATGGCTTCCCTCTACGGACAGCTGGATACAACCAAGAAAACCTAGAGATTTCTT
 TACAGTCACAGACCTGAGGATAAGGCTGTTAAGACCAGCCGTTGGGAAAATATTTGTAGATGAGCTACAC
 TTGGCAGCTACTTTTACGCGATCTCAGACATAAAGGTGCGAGGAAGGTGCAAGTGAATCTCCATGCCA
 CTGTATGTGTGTATGACAACAGCAAATTGACATGCGAATGTGAGCACAACACTACAGGTCAGACTGTGG
 GAAATGCAAGAAGAATTATCAGGGCCGACCTGGAGTCCAGGCTCCTATCTCCCATCCCCAAAGGCACT
 GCAAATACCTGTATCCCAGTATTTCCAGTATTGGTAATTGTGAATGCTTCGGCCACTCCAATCGATGCA
 GTTATATCGATCTGCTAAATACAGTCATTTGCGTGAGCTGTAACACAACACTAGAGGGCAGCAGTGTGA
 GTTATGCAAGGCTGGGCTACTTCAGAAATGCTTCTGCACAACCTGGACGATGAGAATGTGTGCATAGAGTGT
 TATTGTAACCCCTTGGGCTCAATCCATGATCGTTGTAATGGCTCAGGATTTTGTGAGTGAAGACTGGAA
 CAACAGGGCCTAAGTGTGATGAGTGTCTGCCGGAAAATCCTGGCACTACGGCTGTCAACCGAATGTCTG
 CGACAACGAGCTCCTGCACTGCCAGAACGGAGGAGCTGCCACAACAGTGGCTGCTGTGCCCGGCC
 GCATACACGGGCATCCTCTGCGAGAAGCTGCGGTGCGAGGAGGCTGGCAGCTGCGGCTCCGACTCTGGCC
 AGGGCGCGCCCCGCACGGCTCCCAGCGCTGCTGCTGCTGACCAGCTGCTGGAAACCGCCAGCCCCCT
 GGTGTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MYLSRFLSIHALWVTVSSVMQPYPLVWGHYDLCKTQIYTEEGKVVDYMACQPESTDMTKYLKVKLDPPDI
 TCGDPPETF CAMGNPYMCNNECDASTPELAHPPPELMDFEGRHPSTFWQSATWKEYPKPLQVNIITLSWSK
 TIELTDNIVITFESGRPDQMIKESLDYGRWQPYQYYATDCLDAFHMDPKSVKDL SQHTVLEIICTEEY
 STGYTTNSKIIHFEIKDRFAFFAGPRLRNMASLYGQLDTTKLRDFFTVTLRLRLLRPVGEIFVDELH
 LARYFYAISDIKVRGRCKNLHATVCVYDNSKLTCECEHNTTGPDCGKCKKNYQGRPWSYLPKGT
 ANTCIPSISSIGNCECFGHSNRCSYIDLLNTVICVSKHNTRGQHCELRLGYFRNASQLDDENVCIEC
 YCNPLGSIHDCRNGSGFCECKTGTGPKCDECLPGNSWHYGCQPNVCDNELLHCQNGGTCHNNVRCLCPA
 AYTGILCEKLRCEEAGSCGSDSGQGAPPHGSPALLLLTLLGTASPLVF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001113226

ORF Size:	1617 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_001113226.1</u>
RefSeq ORF:	1620 bp
Locus ID:	22854
UniProt ID:	<u>Q9Y2I2</u>
Cytogenetics:	1p13.3
MW:	60.4 kDa