

Product datasheet for **RC203044A1V**

Human NMD3 (NM_015938) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NMD3 (NM_015938) AAV Particle
Tag:	Myc-DDK
Symbol:	NMD3
Synonyms:	CGI-07
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC203044 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGTATATGGCAGAATCCACCGACCGCAGCCCTGGACACATCTTGTGCTGTGAGTGTGGTGTTCGA
 TAAGTCCAAATCCTGCCAATATTTGTGTGGCCTGTTTGCGAAGTAAAGTGGACATCAGCCAAGGTATTCC
 GAAACAAGTCTCGATTTCTGTTCTGCAAACAATGTCAAAGGTATTTCAACCACCAGGAACCTGGATACAG
 TGTGCTTTAGAATCCAGGGAACCTCTTCTTGTGCTTGAAGGCTCTGAGTAAAGGTAC
 GGCTTGTAGATGCAGGCTTTGTTGGACTGAGCCTCATTCTAAGAGACTTAAAGTTAACTGACTATTCA
 GAAAGAGGTGATGAATGGTGTCTCTTCAACAAGTGTGTGGTGGATTATGTTGTTCACTCCCAATG
 TGTGGAGATTGCCATAGAGTAGAAGCTAAGGATTTCTGGAAGGCTGTGATTCAAGTGAGGCAAAAGACTT
 TGCATAAAAAAATTTCTACTATCTGGAACAGTTAATTCTGAAATATGGAATGCATCAGAATACACTTCG
 TATCAAAGAGATTCATGATGGTCTGGATTTTATTATTCTCAAAACAACATGCTCAGAAGATGGTCGAA
 TTTCTTCAAGTGTACAGTTCCTGTAGATACAAAGCATCACAAAGACTGATCTCTCAAGATATCCATAGTA
 ACACATACAATTACAAAGCACTTTTCTGTGGAATTTGTTCCAATATGCAAGGATAATGTTGTCTGTCT
 GTCTCCAAATGGCACAAGCCTGGGAAATATGAACCAGATTTGTGTGTGATTTCGAGTAACCAAGTGCC
 ATTCACCTCATTGATCCAAACACCCTACAAGTGGCAGATATTGATGGGAGCACTTTCTGGAGTCAACCTT
 TCAATAGTTTATGTCATCCCAACAGCTAGAGGAGTTTATTGTGATGGAATGCAGCATAGTCCAAGATAT
 AAAACGTGCTGCAGGTGCTGGAATGATATCAAAAAGCATACCCTCGGGAAGTCTGGGTACAGAAGACA
 TCTGAAATGAATACAGATAAACAGTATTTTGTCTACTCATTGGGACATCTTCTAAATCCCGGAGACC
 TGGTGTAGGGTTTGATTTGGCCAACCTGAACCTTAAATGATGAGCATGTCAACAAATGAACTCAGATAG
 AGTTCCAGATGTGGTATTAATCAAGAAGAGCTATGACCGGACCAACGTCAGCGTCGTAGAAACTGGAAA
 TTGAAAGAGCTTGCAAGAGAGAGAGAAAACATGGATACAGATGATGAAAGGCAATACCAAGATTTTCTTG
 AAGATCTTGAAGAAGATGAGGCAATTCGAAAAATGTCAACATTTACAGAGATTCAGCCATCCCTGTGGA
 AAGTGACACCGATGATGAAGGAGCACCTCGAATTAGTCTGGCTGAGATGCTTGAAGACCTTCATATTTCC
 CAAGATGCCACTGGTGAAGAAGGTGCATCAATGCTGACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203044 protein sequence
 Red=Cloning site Green=Tags(s)

MEYMAESTDRSPGHILCCEGVPISPNPANICVACLRKVDISQIPKQVSISFCKQCQRYFQPPGTWIQ
 CALESRELLALCLKKIKAPLSKVRLVDAGFVWTEPHSKRLKVKLTIQKEVMNGAILQQVFVVDYVVSQM
 CGDCHRVEAKDFWKAVIQVRQKTLHKTFYYLEQLILKYGMHQNTLRIKEIHDGLDFYSSKQHAQKMVE
 FLQCTVPCRYKASQRLISQDIHSNTYNYKSTFSVEIVPICKDNVCLSPKLAQSLGNMNQICVCIRVTS
 IHLIDPNTLQVADIDGSTFWSHPFNSLCHPKQLEEFIVMECSIVQDIKRAAGAGMISKKHTLGEVWVQKT
 SEMNTDKQYFCRTHLGHLLNPGDLVLGFDLANCNLNDEHVNKMNSDRVPDVL IKKSYDRTRKQRRRNWK
 LKELARERENMDTDDERQYQDFLEDLEDEAIRKNVNIYRDSAIPVESDDEGAPRISLAEMLEDLHIS
 QDATGEEGASMLT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_015938

ORF Size:

1509 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_015938.2</u>
RefSeq Size:	2758 bp
RefSeq ORF:	1512 bp
Locus ID:	51068
UniProt ID:	<u>Q96D46</u>
Cytogenetics:	3q26.1
MW:	57.6 kDa