

Product datasheet for **RC204073A1V**

Human Nogo Receptor (RTN4R) (NM_023004) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Nogo Receptor (RTN4R) (NM_023004) AAV Particle
Tag:	Myc-DDK
Symbol:	Nogo Receptor
Synonyms:	NGR; NOGOR
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204073 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGAGGGCGTCCGCTGGAGGAGCCGGCTGCTGGCATGGGTGCTGTGGCTGCAGGCCTGGCAGGTGG
 CAGCCCCATGCCAGGTGCCTGCGTATGCTACAATGAGCCCAAGGTGACGACAAGCTGCCCCAGCAGGG
 CCTGCAGGCTGTGCCGTGGGCATCCCTGCTGCCAGCCAGCGCATCTTCTGCACGGCAACCGCATCTCG
 CATGTGCCAGCTGCCAGCTTCCGTGCCTGCCGCAACCTCACCATCCTGTGGCTGCACTCGAATGTGCTGG
 CCCGAATTGATGCGGCTGCCTTCACTGGCCTGGCCCTCCTGGAGCAGCTGGACCTCAGCGATAATGCACA
 GCTCCGGTCTGTGACCCTGCCACATTCACGGCTGGCCGCCTACACACGCTGCACCTGGACCGCTGC
 GGCTGCAGGAGCTGGGCCGGGGCTGTTCCGGCGCTGGCTGCCCTGCAGTACCTCTACCTGCAGGACA
 ACGCGCTGCAGGCACTGCCTGATGACACCTCCGCGACCTGGGCAACCTCACACACCTCTTCTGCACGG
 CAACCGCATCTCAGCGTGCCCGAGCGGCCTTCCGTGGGCTGCACAGCCTCGACCGTCTCTACTGCAC
 CAGAACCGCTGGCCATGTGCACCCGATGCCTTCCGTGACCTTGCCCGCTCATGACACTCTATCTGT
 TTGCCAACAATCTATCAGCGTGCCCACTGAGGCCCTGGCCCCCTGCGTGCCCTGCAGTACCTGAGGCT
 CAACGACAACCCCTGGGTGTGTGACTGCCGGGCACGCCACTCTGGGCCTGGTGCGAAGTTCGCGGC
 TCCTCTCCGAGGTGCCTGCAGCCTCCCGCAACGCCTGGCTGGCCGTGACCTCAAACGCCTAGCTGCCA
 ATGACCTGCAGGGCTGCGCTGTGGCCACCGGCCCTTACCATCCCATCTGGACCGGCAGGGCCACCGATGA
 GGAGCCGCTGGGGCTTCCAAGTGCTGCCAGCCAGATGCCGTGACAAGGCCCTCAGTACTGGAGCCTGGA
 AGACAGCTTCGGCAGGCAATGCGCTGAAGGGACGCGTGCCGCCCGGTGACAGCCCGCCGGGCAACGGCT
 CTGGCCACGGCACATCAATGACTCACCTTTGGGACTCTGCCTGGCTCTGCTGAGCCCCGCTCACTGC
 AGTGGCGCCCGAGGGCTCCGAGCCACCGGGTTCCCCACCTCGGGCCCTCGCCGGAGGCCAGGCTGTTCA
 CGCAAGAACCAGCCCGAGCCACTGCCGTCTGGGCCAGGCAGGCAGCGGGGTGGCGGGACTGGTGACT
 CAGAAGGCTCAGGTGCCCTACCCAGCCTCACCTGCAGCCTCACCCCTGGGCCTGGCGCTGGTGTGTG
 GACAGTGCTTGGGCCCTGC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204073 protein sequence
 Red=Cloning site Green=Tags(s)

MKRASAGGSRLAWVLWLQAWQVAAPCPGACVCYNEPKVTTSCPQQGLQAVPVGIPAASQRIFLHGNRIS
 HYPAAFRACRNLTLWLHSNVLARIDAAFTGLALLEQLDLSDNAQLRSVDPATFHGLGRLHTLHLDRC
 GLQELGPGLFRGLAALQYLQLQDNALQALPDDTFRDLGNLTHLFLHGNRISSVPERAFRGLHSLDRLLH
 QNRVAHVHPPHAFRDLGRLMTLYLFANNLSALPTEALAPLALQYLRLNDNPWVDCRARPLWAWLQKFRG
 SSSEVPCSLPQRLAGRDLKRLAANDLQCAVATGPYHPIWTGRATDEEPLGLPKCCQPDAAADKASVLEPG
 RPASAGNALKGRVPPGDSPPNGSGPRHINDSPFGTLPESAEPPLTAVRPEGSEPPGFPTSGPRRRPGCS
 RKNRTRSHCRLGQAGSGGGTGDSESGALPSLTCSLTPLGLALVLWTVLGP

SGPTRTRPLE**QKLI**SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_023004

ORF Size:

1419 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_023004.5</u>
RefSeq Size:	1924 bp
RefSeq ORF:	1422 bp
Locus ID:	65078
UniProt ID:	<u>Q9BZR6</u>
Cytogenetics:	22q11.21
MW:	50.7 kDa