

Product datasheet for **RC231319A1V**

Human NOL4 (NM_001198546) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NOL4 (NM_001198546) AAV Particle
Tag:	Myc-DDK
Symbol:	NOL4
Synonyms:	CT125; HRIHFB2255; NOLP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC231319 representing NM_001198546
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAGAGCGAGCGCAGCATGTACCGCCAGTTCCAGGACTGGTGCCTCAGGACTTACGGGGACTCAGGCA
 AGACCAAGACGGTGACCCGTAAAAAATACGAACGGATCGTCCAGCTCCTCAATGGCTCCGAGTCGAGCTC
 CACGGACAACGCCAAATTTAAATTCTGGGTCAAATCGAAGGGCTTCCAGCTGGGCCAGCCGACGAGGTC
 CGCGGGGGAGGCGGCGGCCAAGCAAGTGCTCTACGTGCCTGTCAAGACCACGGATGGCGTAGGGGTAG
 ATGAGAAGCTATCTTTACGACGGGTAGCTGTGGTTGAAGATTTCTTTGACATTATTTATTCGATGCATGT
 GGAAACGGGGCCAAATGGAGAACAATTCGAAACACGCTGGACAAAAGAGAATTACAAAGCAATTTCA
 GAGAGCTATGCCTTCTACCAAGAGAAGCGGTGACACGATTTCTAATGAGCTGCTCAGAGTGCCAGAAAA
 GAATGCATTTAAACCCAGATGGAACAGATCATAAAGATAATGGAAAACCTCCCACTTTGGTGACCAGCAT
 GATTGACTACAACATGCCAATTACCATGGCCTACATGAAACACATGAAGCTGCAGCTGCTAAACTCACAG
 CAAGATGAGGATGAAAGTTCAATAGAAAGTGATGAATTTGACATGAGTGATTCAACACGGATGTCAGCTG
 TGAACCTGATCTTAGCTCCAATCTTGAAGAAAGAAATGCAAAAGTCCCCAGAATCTTCATGGCCAGCAAGA
 TGATGATTCTGCTGCAGAGAGCTTTAATGGCAATGAGACTCTGGGGCACAGTTCAATTGCTTCAGGGGGA
 ACACACAGCAGGGAGATGGGAGACTCCAACAGTGATGGCAAACTGGGCTGGAGCAAGATGAACAGCCAC
 TGAACCTGAGTGACAGTCCCCTCTCTGCGCAGCTAACTTCGGAATACAGAATAGATGATCACAACAGTAA
 TGGGAAAAACAAGTATAAGAATCTTCTAATTTCTGACCTCAAGATGGAACGAGAGGCGAGAGAAAAATGGA
 AGCAAGTCTCCTGCACATAGTTACTCCAGCTATGACTCTGGCAAAAATGAGAGTGTAGACCGAGGAGCTG
 AGGACCTCTACTAAACAGGGGAGATGAGGACGAAGATGACCACGAGGACCATGACGATTCGGAGAAAGT
 TAATGAGACAGACGGCGTTGAAGCCGAGCGGCTGAAAGCTTTTAATTCTCGACCTATTCCTTCCCACTT
 ACTTCAGCAGTTGCAGAGAGTATCTTGCTTACGCTTGTGAGAGTGAGAGTAGAAATGCCGCCAAGAGGA
 TCGCTCTGGAGAGACAGCAGGATGAGTCTGCTCCAGCTGACAAACAGTGTAACCCAGAGGCGACCCAGGC
 CACTTACTCAACATCAGCTGTTCCAGGCTCACAGGACGTGCTGTACATCAATGGAATGGGACCTATAGT
 TACCATAGTTACAGAGGGCTAGGAGGGGGTCTGCTAAATCTGAATGATGCTTCCAGCAGTGGAACCCACTG
 ATCTCAGCATGAAGAGACAATTGGCGACTAGCTCAGGATCCTCCAGCAGCTCAAACCTCCAGACCCAGCT
 GAGTCCAACCTGAAATCAATGCCGTGAGACAGCTTGTGTCAGGATATCGAGAATCAGCTGCATTTTTATTG
 CGATCTGCAGATGAACCTGAAAAATCTCATTTTACAACAGAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MESERDMYRQFQDWCLRTYGDGSKTKTVTRKKYERIVQLLNGSESSSTDNAKFKFWVKSQFQLGQPDEV
 RGGGGGAKQVLYVPVKTTDGVGVDEKLSLRVAVVEDFFDIIYSMHVETGPNGEQIRKHAGQKRTYKAIS
 ESYAFLPREAVTRFLMSCSECQKRMHLNPDGTDHKDNGKPPTLVTSMDYNMPTIMAYMKHMKLQLLNSQ
 QDEDESSIESDEFDMSDSTRMSAVNSDLSSNLEERMQSPQNLHGQQDDDSAAESFNNGNETLGHSSIASGG
 THSREMGSNSDGKTGLEQDEQPLNLSDSPLSAQLTSEYRIDDHNSNGKNYKNLLISDLKMEREARENG
 SKSPAHSYSSYDSGKNESVDRGAEDLSLNRGDEDEDHEDHDDSEKVNEDTGVAEERLKAFNRSRIPSHL
 TSAVAESILASACESSRNAAKRMRLERQDESAPADKQCKPEATQATYSTSAVPGSQDVLVINGNGTYS
 YHSYRGLGGLLNLNDASSSGPTDLSMKRQLATSSGSSSSNSRPQLSPTEINAVRQLVAGYRESAAFL
 RSADELENLILQQN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_001198546
ORF Size:	1722 bp
Buffer:	PBS with 0.001% Pluronic F9910
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_001198546.1</u> , <u>NP_001185475.1</u>
RefSeq ORF:	1725 bp
Locus ID:	8715
UniProt ID:	<u>O94818</u>
Cytogenetics:	18q12.1
MW:	63.9 kDa