

## Product datasheet for **RC204114A1V**

### Human NLE1 (NM\_018096) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human NLE1 (NM_018096) AAV Particle
Tag:	Myc-DDK
Symbol:	NLE1
Synonyms:	NLE
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC204114 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGGCAGCAGTGGCGGACGAGGCGGTGGCGCGCATGTGCAGCGTTGCTAGTGCAGTTCCAGGATG  
 AGGGCGGGCAGCTGCTGGGTCCCCGTTTCGACGTGCCCGTGGACATCACCCCGGACAGGCTGCAGCTCGT  
 GTGCAACGCGCTACTGGCCAGGAGGATCCCCTGCCACTGGCTTTCTTTGTCCACGATGCTGAGATCGTC  
 TCCTACTGGGAAGACGTTGGAGTCCCAGGCAGTGGAGACAGAGAAGGTCTAGACATCATCTACCAGC  
 CACAGGCTATCTTACAGTCCGGGCTGTGACTCGTGCACCAGCTCCTTGGAGGGTACAGTGGGCAGT  
 CATTTCTGTGGCCTTACGCCCTACGGGAAAGTACCTGGCCAGTGGCTCTGGAGACACCACGTCGCTTC  
 TGGGATCTCAGCACAGAGACACCACATTTACATGCAAGGGACACAGACTGGGTCCTAGTATATCCT  
 GGTCTCCAGATGGCAAGAAGCTGGCCTCAGGCTGCAAGAATGGCCAGATTCTCCTCTGGGACCAAGCAC  
 AGGGAAGCAGGTGGGACGACCCTCGTGGCCACAGCAAGTGGATCACAGCCTGAGCTGGGAGCCCTC  
 CATGCGAACCCCTGAGTCCGCTATGTGGCCAGCAGCTCCAAGGATGGCAGTGTCCGGATCTGGGACACAA  
 CTGCAGGCCGCTGTGAGCGCATCCTCACCGGGCACACCAAGTCCGTACCTGTCTCCGGTGGGGAGGGGA  
 CGGGCTTCTACTCTGCCTCCCAGGACCGCACCATCAAAGTCTGGAGAGCTCATGACGGTGTGCTGTGC  
 CGGACTCTGCAAGGCCACGGCCACTGGGTGAACACCATGGCCCTCAGCACTGACTATGCCTGCGCACTG  
 GGGCCTTTGAACCTGCTGAGGCCTCAGTAAATCCCAAGACCTCCAAGGATCCTTGACAGAGTTGAAGGA  
 GAGGGCTCTGAGCCGATACAACCTCGTGGGGCCAGGGTCCAGAGAGGCTGGTGTCTGGCTCCGACGAC  
 TTCACCTATTCTGTGGTCCCAGCAGAGGACAAAAAGCCTCTCACTCGGATGACAGGACACCAAGCTC  
 TCATCAACCAGGTGCTTCTCTCTGACTCCCGCATCGTGGCTAGTGCCTCCTTTGACAAGTCCATCAA  
 GCTGTGGGATGGCAGGACGGGCAAGTACCTGGCTTCCCTACGCGGCCAGTGGCTGCCGTGTACCAGATT  
 GCGTGGTCAGCTGACAGTCCGCTCCTGGTCAGCGGCAGCAGTGCAGCACACTGAAGGTGTGGGATGTGA  
 AGGCCAGAAAGCTGGCCATGGACCTGCCCGGCCACGGGATGAGGTATATGCTGTTGACTGGAGTCCAGA  
 TGGCCAGAGAGTGGCAAGTGGTGGGAAGGACAAATGCCTCCGGATATGGAGGAGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC204114 protein sequence  
 Red=Cloning site Green=Tags(s)

MAAAVADEAVARDVQRLLVQFQDEGGQLLGSPFDVVDITPDRLQLVCNALLAQEDPLPLAFFVHDAEIV  
 SSLGKTLESQAVETEKVLDIIYQPQAI FRVRAVTRCTSSLEGHSEAVISVAFSPTGKYLASGSGDITVRF  
 WDLSTETPHFTCKGHRHWLISISWSPDGKKLASGCKNGQILLWDPSTGKQVGRTLAGHSHKWTGLSWEPL  
 HANPECRYVASSKDGSVRIWDTTAGRCERILTGHTQSVTCLRWGGDLLYSASQDRTIKVWRAHDGVL  
 RTLQGHGHVNTMALSTDYALRTGAFEPAEASVNPQDLQGSLELKERALSRYNLVRGQGERLVSIGSD  
 FTLFLWSPAEDKKPLTRMTGHQALINQVLFSPDSRIVASASFDKSIKLDWGRGTGKYLASLRGHVAAVYQI  
 AWSADSRLLVSGSSDSTLKVWDVKAQKLAAMDLPGHADVYAVDWSPDQQRVASGGKDKCLRIWRR

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_018096

**ORF Size:**

1455 bp

**Buffer:**

PBS with 0.001% Pluronic F68

<b>Stability:</b>	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.
<b>RefSeq:</b>	<u>NM_018096.3</u>
<b>RefSeq Size:</b>	2627 bp
<b>RefSeq ORF:</b>	1458 bp
<b>Locus ID:</b>	54475
<b>UniProt ID:</b>	<u>Q9NVX2</u>
<b>Cytogenetics:</b>	17q12
<b>MW:</b>	53.3 kDa