

Product datasheet for **RC233042A1V**

Human NOL10 (NM_001261394) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NOL10 (NM_001261394) AAV Particle
Tag:	Myc-DDK
Symbol:	NOL10
Synonyms:	PQBP5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC233042 representing NM_001261394
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGGTCTCCAGCCTCAATGAGGTGAAGATTTACAGCCTCAGCTGCGGCAAGTCCCTTCCTGAGTGGC
 TTTCTGATAGGAAGAAGAGAGCGCTACAGAAGAAAGATGTAGATGTCCGTAGGAGAATTGAACCTATTCA
 GGACTTTGAAATGCCTACTGTGTGTACCACTATTAAGGTGTCAAAGATGGACAGTACATTTTAGCAACT
 GGAACATATAAACCTCGGGTTCGATGTTATGACACCTATCAATTATCCTTGAAGTTTGAAAGGTGTTTAG
 ATTCAGAAGTTGTCACCTTTGAAATTTGTCTGATGACTACTCAAAGATTGTCTTCTTACATAATGATAG
 ATACATTGAATTTCAATCGCAATCAGGTTTTTACTACAAAACCAAGTATACCAAGTTTGGGAGAGATTTT
 TCTTACCACTATCCATCCTGTGACTTGTACTTTGTTGGTGCAAGTTCTGAAGTTTATAGGTTAACTTAG
 AACAAGGACGATACCTGAATCCTCTACAACTGATGCTGCGGAGAATAATGTTTGTGACATAAATTCAGT
 GCATGGCTTGTGGCACAGGAACCATAGAGGGTAGAGTGGAGTCTGGGACCAAGAAGTCTGAAACAGA
 GTTGGCCTGTTAGACTGCGCCTTAAACAGTGTACAGCAGATTAGAGATAAACAGTTTACCAACAATCT
 CTGCTTTGAAATTTAATGGTGCCTTGACCATGGCAGTTGGAACAACACAGGGCAGGGAAAAATATTTAC
 TTCCTTGGAGCCAGAGCATGACCTTAATGATGTTTGTCTCTACCCCAACTCAGGCATGCTTCTGACGGCC
 AATGAAACCCCAAGATGGGCATCTATTACATTCCAGTTTTGGGTCTGCTCCTCGGTGGTGTTCCTTCT
 TAGACAACCTTGACCGAAGAATTAGAAGAGAATCCAGAAAGCACAGTCTATGATGATTATAAATTTGTAC
 CAAGAAAGACCTTGAAATTTAGGGCTCACCCACCTCATTGGATCTCCTTCTCCGGGCATATATGCAT
 GGGTTTTTCATGGATATAAGACTCTATCACAAGGTGAACTGATGGTAAATCCATTTGCTTATGAAGAAT
 ATAGGAAAGATAAAATACGACAGAAAAATAGAAGAAACACGTGCACAGAGAGTCCAGTTAAAGAAATGCG
 AAAAGTTAAACAAAGAGCTGGCACTTAAATTAATTGAGGAAGAAGAGGAGAAGCAGAAATCTACATGGAAA
 AAGAAAGTTAAGAGTCTTCTAATATTCTACCGATGATCGATTTAAAGTTATGTTTGAGAACCTGACT
 TCCAAGTAGATGAAGAGAGTGAAGAATTTAGGCTTCTGAATCCACTTGTTTCAAAAATAGTGAAAAAAG
 GAAGAAGAACTAAGACTCTTAGAGCAACAAGAACTTCGTGAAAAAGAAGAGGAGGAAGAGCCGGAAGGA
 AAACCAAGTGATGCAGAAAGTTCGGAGAGTTTCTGATGATGAAAAAGCCTGGGTTGAAGAGGTGAGGAAGC
 AACGCAGACTCCTCCAGCAGGAGGAAAAAGTGAAGCGGCAGGAACGACTCAAGGAGGACCAGCAGACAGT
 CCTAAAGCCCCAGTTTTATGAGATCAAAGCAGGAGAAGAATTTAGAAGCTTCAAAGATTCTGCCACAAAG
 CAGAACTGATGAACAAAACCTTGAAGATCGTTTGAAATTTGAAGCAAAAAATGGGACATTGAGTGTAT
 CCGACACCACCGTTGGCAGCAACAATTGACATTCACGTTAAAGAGGTCTGAACAGCAGAAGAAGCAACA
 GGAGGCTGAGAACTGCATCGACAAGAAAGGAAAGACTCCGTCGTTTCGGCCGGACACCTGAAGTCAAGA
 CAAAAAGAGGACGGTCGTTTCAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC233042 representing NM_001261394 Red=Cloning site Green=Tags(s) MQVSSLNEVKIYSLSCGKSLPEWLSDRKKRALQKKDQVRRRIELIQDFEMPTVCTTIKVSQKGGQYILAT GTYKPRVRCYDTYQLSLKFERCLDSEVVTFEILSDDYSKIVFLHNDRIEFHSQSGFYKTRIPKFGPDF SYHYPSCDL YFVGASSEVYRLNLEQGRYLNPLQTDAAENNVCDINSVHGLFATGTIEGRVECWDPRTRNR VGLLDCALNSVTADSEINSLPTISALKFNGAL TMAVGTTTGQGIKFTSLEPEHDLNDVCLYPNSGMLLTA NETPKMGIYYIPVLGPAPRWCSFLDNLTEELEENPESTVYDDYKFVTKKDLENLGLTHLIGSPFLRAYMH GFFMDIRLYHKVKLMVNPFAEYEEYRKDKIRQKIEETRAQVRVQLKLPKVNKELALKLIEEEEEKQKSTWK KKVKSPLNLTDDRKFVMFENPDFQVDEESEFRLNPLVSKISEKRKKLRLLLEQQELREKEEEEEPEG KPDAESSESSDDEKAWVEVRKQRRLLQEEKVKRQERLKEDQQTVLKPQFYEIKAGEEFRSFKDSATK QKLMNKTLEDRLKIEAKNGTLSVSDTTVGSKQLTFTLKRSEQQKKQEAELHRQERKLRRSAGHLKSR HKRGRSFH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001261394
ORF Size:	1914 bp
Buffer:	PBS with 0.001% Pluronic F10080
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_001261394.1, NP_001248323.1</u>
RefSeq Size:	3365 bp
RefSeq ORF:	1917 bp
Locus ID:	79954
UniProt ID:	<u>Q9BSC4</u>
Cytogenetics:	2p25.1
MW:	75 kDa