

Product datasheet for **RC200356A1V**

Human NOLC1 (NM_004741) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NOLC1 (NM_004741) AAV Particle
Tag:	Myc-DDK
Symbol:	NOLC1
Synonyms:	NOPP130; NOPP140; NS5ATP13; P130; Srp40
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200356 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGACGCCGGCATTGCGCCGCTGGTTCCAGCGACCTGTATCCCCTCGTGCTCGGCTTCCTGCGCG
ATAACCAACTCTCAGAGGTGGCCAATAAGTTCGCCAAAGCGACAGGAGCTACACAGCAGGATGCCAATGC
CTCTTCCCTCTTAGACATCTATAGCTTCTGGCTCAACAGGTCTGCCAAGGTCCCAGAGCGAAAGTTACAG
GCAATGGACCACTGGCTAAGAAAGCTAAGAAGAAGGCCTCATCCAGTGACAGTGAGGACAGCAGCGAGG
AGGAGGAGGAAGTTCAAGGGCTCCAGCAAAGAAGGCTGCTGTACCTGCCAAGCGAGTCGGTCTGCCTCC
TGGGAAGGCTGCAGCCAAAGCATCAGAGAGTAGCAGCAGTGAAGAGTCCAGTGATGATGATGATGAGGAG
GACCAAAAGAAACAGCCTGTCCAGAAGGGAGTTAAGCCCCAAGCCAAGGCAGCCAAAGCTCCTCCTAAGA
AGGCCAAGAGCTCTGATTCTGATTCTGACTCAAGCTCCGAGGATGAGCCACCAAGAACCAGAAGCCAAA
GATAACACCTGTGACAGTTAAAGCTCAGACTAAAGCCCCTCCCAAACAGCTCGAGCAGCACCTAAAATA
GCCAATGGTAAAGCAGCCAGTAGCAGCAGTAGCAGCAGCAGCAGCAGTAGCAGTGATGACTCAGAGGAGG
AGAAGGCAGCAGCCACCCCAAGAAGACTGTACCTAAAAGCAAGTTGTGGCCAAAGGCCCCAGTGAAAGC
AGCTACCAACCCCTACCCGAAGAGTTCTAGCAGTGAGGATTCTCCAGTGACGAGGAAGAGGAGCAAAAA
AAACCCATGAAAAATAAACAGGTCCCTACAGTTCAGTCCCCCGCCTTCTGCTCCCCACCAAAGAGT
CTCTGGGAACCCAGCCTCCCAAGAAGGCTGTGGAGAAGCAGCAGCCTGTGGAAAGCAGTGAAGACAGCAG
TGATGAGTCTGATTCAAGTTCTGAAGAAGAGAAGAAACCCCAACTAAGGCAGTAGTCTCTAAAGCAACC
ACTAAACACCTCCAGCAAAGAAAGCAGCAGAGAGCTCTTCAGACAGCTCAGACTCTGACAGCTCTGAGG
ATGATGAAGCTCCTTCTAAGCCAGCTGGTACCACCAAGAATTCTTCAAATAAGCCAGCTGTCACCACCAA
GTCACCTGCAGTGAAGCCAGCTGCAGCCCCAAGCAACCTGTGGGCGGTGGCCAGAAGCTTCTGACGAGA
AAGGCTGACAGCAGCTCCAGTGAGGAAGAGAGCAGCTCCAGTGAGGAGGAGAAGACAAAGAAGATGGTGG
CCACCACTAAGCCCAAGGCGACTGCCAAAGCAGCTCTATCTCTGCCTGCCAAGCAGGCTCCTCAGGGTAG
TAGGGACAGCAGCTCTGATTGACAGCTCCAGCAGTGAGGAGGAGGAAGAGAAGACATCTAAGTCTGCA
GTTAAGAAGAAGCCACAGAAGGTAGCAGGAGGTGCAGCCCCTTCCAAGCCAGCCTCTGCAAGAAAGGAA
AGGCTGAGAGCAGCAACAGTTCTTCTTCTGATGACTCCAGTGAGGAAGAGGAAGAGAAGCTCAAGGGCAA
GGGCTCTCCAAGACCACAAGCCCCAAGGCCAATGGCACCTCTGCACTGACTGCCAGAATGGAAGGCA
GCTAAGAACAGTGAGGAGGAGGAAGAAGAAAAGAAAAGGCGGCAGTGGTAGTTTCCAAATCAGGTTTCA
TAAAGAAGCGGAAGCAGAATGAGGCTGCCAAGGAGGCAGAGACTCCTCAGGCCAAGAAGATAAAGCTTCA
GACCCCTAACACATTTCCAAAAAGGAAGAAAGGAGAAAAAGGGCATCATCCCCATTCCGAAGGGTCAGG
GAGGAGGAAATTGAGGTGGATTACAGAGTTGCGGACAACCTCCTTTGATGCCAAGCGAGGTGCAGCCGGAG
ACTGGGAGAGCGAGCCAATCAGGTTTTGAAGTTCACCAAAGGCAAGTCTTTTCGGCATGAGAAAACCAA
GAAGAAGCGGGGAGCTACCGGGGAGGCTCAATCTCTGTCCAGGTCAATTCTATTAAGTTTGACAGCGAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC200356 protein sequence Red=Cloning site Green=Tags(s) MADAGIRRVVPSDL YPLVLGFLRDNLSEVANKFAKATGATQQDANASSLLDIYSFWLNRSKAVPERKLQ ANGPVAKKAKKKASSDSEDSSEEEEEVQGPPAKKAAPVPAKRVGLPPGKAAKASESSSSESSDDDDDEE DQKKQPVQKGVKPQAKAAKAPPKAKSSDSDSDSSSEDEPPKNQPKITPVTVKAQTKAPPKPARAAPKI ANGKAASSSSSSSSSSDDSEEEKAAATPKKTVPKKQVVAAPVKAATTPTRKSSSEDSSSDEEEQK KPMKNKPGPYSSVPPPSAPPPKSLGTQPPKAVEKQQPVESSEDSSDESDDSSSEEEKPPTKAVVSKAT TKPPPAKKAASESSDSDSDSSEDDEAPSKPAGTTKNSNKPAVTTKSPAVKPAAAPKQPVGGGQKLLTR KADSSSSEESSSSEEEKTKKMVATTKPKATAKAAALSLPAKQAPQGSRDSSSDSDSSSSEEEEEKTSKSA VKKKPQKVAGGAAPSKPASAKKGAESSNSSSSDSSSEEEEEKLKKGKSPRPQAPKANGTSALTAQNGKA AKNSEEEEEKKKAAVVVSKGSLKKRKQNEAAKEAETPQAKKIKLQTPNTFPKRKKGEKRASSPFRRVR EEEIEVDSRVADNSFDAKRGAGDWGERANQVLKFTKGKSFHEKTKKRGSYRGGGISVQVNSIKFDSE SGPTRRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004741
ORF Size:	2100 bp
Buffer:	PBS with 0.001% Pluronic F5049
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_004741.1</u>
RefSeq Size:	3947 bp
RefSeq ORF:	2100 bp
Locus ID:	9221
UniProt ID:	<u>Q14978</u>
Cytogenetics:	10q24.32
MW:	73.7 kDa