

Product datasheet for **RC200144A1V**

Human NSUN5 (NM_148956) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NSUN5 (NM_148956) AAV Particle
Tag:	Myc-DDK
Symbol:	NSUN5
Synonyms:	NOL1; NOL1R; NSUN5A; p120; p120(NOL1); WBSCR20; WBSCR20A
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200144 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGCTGTATGCTGCAGCTGCAGGCGTGTGGCCGGCTGGAGAGCCGCCAGGGCTCTATCAAGGGGT
 TGGTGTACTCCAGCAACTCCAGAACGTGAAGCAGCTGTACGCGCTGGTGTGCGAAACGCAGCGCTACTC
 CGCCGTGCTGGATGCTGTGATCGCCAGCGCCGGCTCCTCCGTGCGGAGAAGAAGCTGCGGCCGCACCTG
 GCCAAGGTGCTAGTGTATGAGTTGTTGTTGGGAAAGGGCTTTCGAGGGGGTGGGGCCGATGGAAGGCTC
 TGTTGGCCGGCACCAGGCGAGGCTCAAGGCTGAGTTGGCTCGGCTCAAGGTTTCATCGGGGTGTAGCCG
 GAATGAGGACCTGTTGGAAGTGGGATCCAGGCTGGTCCAGCCTCCAGCTGCCTCGATTGTGCGTGTG
 AACACTCTCAAGACCTGCTCCGATGATGATGATTATTTCAAGAGACAAGGTTTCTCCTATCAGGGTC
 GGGCTCCAGCCTCGATGACTTACGAGCCCTCAAGGGGAAGCATTTTCTCCTGGACCCCTTGATGCCGA
 GCTGCTGGTGTTCGCCCCAGACAGATCTGCATGAACACCCACTGTACCGGGCCGGACACCTCATTCTG
 CAGGACAGGGCCAGCTGTCTCCAGCCATGCTGCTGGACCCCGCCAGGCTCCCATGTCATCGATGCCT
 GTGCCGCCCCAGGCAATAAGACCAGTCACTTGGCTGCTTCTGAAGAACCAAGGGAAGATCTTTGCCTT
 TGACCTGGATGCCAAGCGGCTGGCATCCATGGCCACGCTGCTGGCCCGGGCTGGCGTCTCTTGCTGTGAA
 CTGGCTGAGGAGGACTTCTGGCGGTCTCCCCCTCGGATCCACGCTACCATGAGGTCCACTACATCCTGC
 TGGATCCTTCTGCAGTGGCTCGGGTATGCCGAGCAGACAGCTGGAGGAGCCCGGGGCAGGCACACCTAG
 CCCGGTGCCTGCATGCCCTGGCAGGGTTCAGCAGCGAGCCCTGTGCCACGCACTCACTTTCCCTTCC
 CTCAGCGGCTCGTCTACTCCAGTGTCCCTCTGCCAGGAGGAGAATGAAGACGTGGTGCAGATGCCG
 TGCAGCAGAACC CGGGCCCTT CAGGCTAGCTCCCGCCCTGCCTGCCTGGCCCCACCGAGGCTGAGC
 GTTCCCGGGTGGCGAGCACTGCCTCCGGGCTCCCTGAGACCACACTAGCAGTGGCTTCTTCGTTGCT
 GTAATTGAACGGTTCGAGGTGCCAAGCTCAGCCTCACAGGCCAAAGCATCAGCACCAGAACGCACACCCA
 GCCAGCCCCAAAGAGAAAGAAGAGACAGCAAAGAGCCGAGCCGGTGTTCACACCGCCTTGACACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200144 protein sequence
 Red=Cloning site Green=Tags(s)

MGLYAAAAGVLAGVESRQGSIKGLVYSSNFQNVKQLYALVCETQRYSAVLDAVIASAGLLRAEKKLRPHL
 AKVLVYELLLGKGFRRGGGRWKALLGRHQARLKAELARLKVHRGVSARNEDLLEVGSRPGPASQLPRFVVRV
 NTLKTCSDDVVDYFKRQGFYSYQGRASSLDDLRLKKGKHFLLDPLMPELLVFPAQTDLHEHPLYRAGHLIL
 QDRASCLPAMLLDPPPGSHVIDACAAPGNKTSHLAALLKNQKIFAFDLDAKRLASMATLLARAGVSCCE
 LAEEDFLAVSPSPRYHEVHYILLDPSCSGSGMPSRQLEEPGAGTSPVRLHALAGFQQRALCHALTFPS
 LQRLVYSTCSLQEQENEDVVRDALQONPGAFRLAPALPAWPHRGLSTFPGAELCLRASPETTLSSGFFVA
 VIERVEVPSSASQAKASAPERTPSPAPKRKRQQRAAAGACTPPCT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_148956

ORF Size:

1398 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_148956.1</u>
RefSeq Size:	2377 bp
RefSeq ORF:	1401 bp
Locus ID:	55695
UniProt ID:	<u>Q96P11</u>
Cytogenetics:	7q11.23
MW:	50.4 kDa