

## Product datasheet for **RC207817A1V**

### Human NSUN6 (NM\_182543) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human NSUN6 (NM_182543) AAV Particle
Tag:	Myc-DDK
Symbol:	NSUN6
Synonyms:	4933414E04Rik; ARL5B-AS1; NOPD1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC207817 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTATTTTCCCTAAGATATCTTTGAGACCTGAGGTTGAAAACATCTTAAGGAAGGCTTTATGAATA  
 AGGAGATTGTGACTGCTTTAGGTAAACAAGAAGCAGAAAGGAAGTTTGAACCTTTGTTAAAGCACCTGTC  
 ACATCCTCCATCATTTACAACCTGTCAGAGTGAATACACATTTAGCCTCAGTACAACATGTGAAAAATCTG  
 TTACTTGATGAACTTCAGAAGCAGTTTAAATGGATTAAGTGTTCCTATTCTTCAACATCCAGACCTTCAAG  
 ATGTGTTACTTATTCCTGTTATTGGACCCAGAAAGAATATTAACAAACACAGTGTGAAGCCATTGTTGG  
 AGCCAGTGTGGCAATGCAGTTTAAAGAGGAGCCCATGTCTATGCCCCAGGAATTGTGTCAGCATCACAA  
 TTTATGAAAGCTGGAGATGTTATTTCTGTATACTCTGATATTAAGGAAAATGTAAGAAAGGAGCCAAAG  
 AATTTGATGGAACAAAAGTATTTCTTGGAAATGGGATTTCTGAACCTAAGCCGAAAGAAATCTTCAGTGG  
 ATTACCTGAACTGAAAGGCATGGGCATAAGAATGACAGAACAGTATATCTCAGCCCTTCATTTGACAGT  
 GACTGCCCCGTTACTTATTTTTACAAAATTTGCCATCTGCCTTAGTAAGTCATGACTAAATCCTCAAC  
 CTGGAGAGAAGATTCTAGACTTGTGTGCAGCACCTGGAGGGAAAAACAACACACATTGCAGCACTAATGCA  
 TGATCAGGGAGAAGTTATAGCACTGGATAAAATCTTCAACAAAGTAGAAAAATCAAACAGAATGCCTTA  
 TTGTTAGGGCTGAATTCATCAGGGCATTGTTTGTGTTGATGGAACAAAGGCGGTTAAACTTGATATGGTGG  
 AGGACACAGAAGGAGAACCTCCATTTCTACCAGAATCCTTTGACCGAATCTTCTGGATGCACCTGTAG  
 TGGAAATGGGACAGAGACCAACATGGCCTGACTTGGTCTGTGAAGGAAGTGGCATCATATCAGCCATTA  
 CAGCGAAAACCTTCTACTGCAGCGGTTACAGTCTGAAGCCAGAGGGTGTGCTGGTTTATAGCACGTGCA  
 CTATAACACTGGCCGAAAATGAAGAACAGGTTGCCTGGGCCCTGACAAAATTTCTTGCCTTCAGCTTCA  
 GCCCCAGGAACCGCAGATTGGAGGAGAAGGAATGAGGGGAGCTGGGCTCTCATGTGAACAGTTGAAACAG  
 CTGCAGCGATTTGATCCATCGGCTGTGCCATTACCGGACACTGACATGGACTCTCTTAGAGAGGCCAGAA  
 GAGAAGACATGTTGCGTCTGGCTAATAAGGACTCTATAGGTTTTTTTATTGCAAAAATTTGAAAAATGCAA  
 AAGCACA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC207817 protein sequence  
 Red=Cloning site Green=Tags(s)

MSIFPKISLRPEVENYLKEGFMNKEIVTALGKQEAEKRFETLLKHL SHPPSFTTVRVNTHLASVQHVKNL  
 LLDELQKQFNGLSVPI LQHPDLQDVLLIPVIGPRKNIKKQCEAIVGAQCNAVL RGAHVYAPGIVSASQ  
 FMKAGDVISVYSDIKGCKKGAKEFDGTVFLNGI SELSRKEIFSGLPELKGMGIRMTEPVYLS PFSFS  
 VLP RYLF LQNLPSALVSHVLNQPGEKILD LCAAPGGKTHIAALMHDQGEVIALDKIFNKVEKIKQNAL  
 LLGLNSIRAFCFDGT KAVKLD MVEDTEGEPFLPESFDRILLDAPCSGMGQRPNMACTWSVKEVAS YQPL  
 QRKLF TAAVQLLKPEGVLYSTCTITLAENEEQVAWAL TKFPCLQLQPQEPQIGGEGMRGAGLSCEQLKQ  
 LQRFDP SVAVPLPDTMDSLREARREDMLRLANKDSIGFFIAKFKCKST

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_182543

**ORF Size:**

1407 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_182543.1</u>
<b>RefSeq Size:</b>	2570 bp
<b>RefSeq ORF:</b>	1410 bp
<b>Locus ID:</b>	221078
<b>UniProt ID:</b>	<u>Q8TEA1</u>
<b>Cytogenetics:</b>	10p12.31
<b>MW:</b>	51.8 kDa