

Product datasheet for **MR209965A1V**

Mouse Nub1 (NM_016736) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Nub1 (NM_016736) AAV Particle
Tag:	Myc-DDK
Symbol:	Nub1
Synonyms:	4931404D21Rik; 6330412F12Rik; BS4; NY-REN-18
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209965 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

 ATGGCGCAGAAGAAATATCTTCAAGCAAACACTGACTCAGTTTCTAAGGAAGACAGAATTCAACTTTGGA
AACCTCCATATACTAAAGAAAATAAGGAAGTTGGTTTGGCCGTAAAGGACCTTGCTAAGAAGTACTCTGA
GCGGCTGGAGTGCTGTGAAAACGAAGTGAAAAACATAATCGAGGAAATCCGACGCAAGCAATTGAGCGC
GGCACTGGGAATGAACACTACCGAACAACTGGGATCGCCACCATTGAGGTGTTCTGCCTCCAAGGCTCC
GGAAGCACGATAAGAAAAGCTTGTGGAGACCCGCTTGCATGTCAGTGGTAGAGACCTGAGGTGTCAAAT
AGCTGAACTTTTCGATTTCAAGAAAATTACATCAAGATCGTAATAAATAAGAAACAGCTTCAACTAGGG
AAAAGCCTTGAAGACAAGGAGTCACTCACAATGTGAAGGCGATGGTACTGGAGCTGAAACAGTCTGAAG
AGGATGTGAGGAAAACTTACAGCTAGAGGAAGAGGAACAGAACGAGGCCGAGCTGAAGGAGAGACGCAT
TCAGAGGACCAACGGGACTGGAGATCCTGGCGGAGAGAGCTGAGATGGTGGTTGATCCGGAACGATG
CCTTACTTAGACATTGCGAACCCAGACAGGCAGGTCACTCAGAATTCCTCCCTGCAGAAAGAAAAGCCTTA
TGTTAGCTATGGGATATCACGAGAAGGGCAGAGCTTCTCTGAAAAGAAAAGAGTATGGAATAGCCCTGCC
CTGCCTCCTGGACGCTGACAGATACTTCTGTGAGTGCAAAGAGCTGCTGGACACTGTGGACAACATATGCA
GTCTCCAGCTGGACATTGTGTGGTGTACTTCCGCTGGAACAGCTGGAATGCCTTGATGATGCAGAGA
AAAAGCTGAACTTGGCCAGAAATGCTTTAAAACTGTTACGGAGAGAATCACCAGAGACTGGTCCACAT
AAAAGGAAATGTGGGAAAGAGAAGGTGTTGTTTTAAGACTCTACTTGCTTCAGGGAATCCAAACTAT
CACAGTGGAAATGGAGAGGAAGCTCGGGAATATCTCAACAAGGCACGGCAGCTCTTTAAGGAGCTTTACA
TCGATCCATCAAAAGTTCACAACTTGTACAGTTGGGATTCAGTCCCAGGAAGCAGGCTGGGCTACG
GGCCTGCGATGGAACGTGGACCATGCGGCCACTCACATTTCCAACCGCAGAGAGGAAGTGGCCCAATC
CGGAAGGAAGAGAAGGAGAAAAGGAGACGCCGTCTGGAATGTCAACACTTTGAGAGGAATGGGCTACT
CCACACAAGCTGCCAAACAAGCCCTTACCAGGCCAGAGGCAACCTGGACGATGCCCTGAAGTTCTCCT
CAGCAACCCCCACATGTGGTGGTTACAGGATGCAGACCCTGAAAACAATAGCCGCCAAGCAAGTCTTCC
CAGGAAAGCATCAACCAGCTGGTGTACATGGGCTTGGACAGTGGTGGTGAAGCTGCACTAAGGGTGT
TTGGAGGCAATGTCCAGCTGGCAGCTCAGACCCTTGACACCATGGAGGAAGCCTCCACCCGACCTGCA
GTTCTCAGGAGAGGACTCCTCCCCACACCATCCACATCCCATCTGACTCTGCAGGACCTCTAGTGCC
TCGACAGATGAAGACATGGAGACGGAGGCTGTCAACGAAATCCTGGAGGACATTCGGAGCACGAGGAGG
ACTACCTGGACTCCACGCTGGAGGATGAAGAAGTCATTATTGCTGAATACTTGTCTACGTTGAAAGTAT
AAGTTCTGCCGCAAGAACAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209965 protein sequence

Red=Cloning site Green=Tags(s)

 MAQKKYLQAKLTQFLREDRIQLWKPPYTKENKEVGLAVKDLAKKYSERLECCENEVENIIEEIRRKAIER
GTGNEHYRTTGIATIEVFLPPRLRKHKSLLETRLHVTGRDLRCQIAETFGFQENYIKIVINKQLQLG
KSLEEQGVTHNVKAMVLELKQSEEDVRKNLQLEEEQNEAELKERRIQRTRKGLIILAERAEMVDPETM
PYLDIANQTGRSLRIPPAERKALMLAMGYHEKGRAFLKRKEYGIALPCLLDADRYFCECKELLDTVDNIA
VLQLDIWVCYFRLEQLECLDDAEKKLNLAKCFKNCYGENHQRLVHIKGNCGKEKVLFLRLYLLQGIQNY
HSGNGEEAREYLNKARQLFKELYIDPSKVHNLQLGFTAQEARLGLRACDGNVDHAATHISNRRELAQI
RKEEKEKRRRLLENVNTLRGMGYSTQAAKQALHQARGNLDDALKVLLSNPHMWWLQDADPENNSRQASPS
QESINQLVYMGFDTVVAEALRVFGNVQLAAQTLAHHGGSPPDLQFSGEDSSPTSPSPSDSAGTSSA
STDEDMETEAVNEILEDIPEHEEDYLDSTLEDEEVIIAEYLSYVESISSAAKNN

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_016736
ORF Size:	1842 bp
Buffer:	PBS with 0.001% Pluronic F1065
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_016736.2, NP_058016.2</u>
RefSeq Size:	3455 bp
RefSeq ORF:	1845 bp
Locus ID:	53312
UniProt ID:	<u>P54729</u>
Cytogenetics:	5 A3
MW:	70.3 kDa