

Product datasheet for **RC201786A1V**

Human Nucleobindin 1 (NUCB1) (NM_006184) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Nucleobindin 1 (NUCB1) (NM_006184) AAV Particle
Tag:	Myc-DDK
Symbol:	Nucleobindin 1
Synonyms:	CALNUC; NUC
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201786 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCTCCCTCTGGGCCCGAGGAACCTCCTTCTGTTGCCGCTGCTGCTGCTGCTCCTGCTTCGCGCCG
 TGCTGGCTGTCCCCCTGGAGCGAGGGGCGCCCAACAAGGAGGAGACCCCTGCGACTGAGAGTCCCGACAC
 AGGCTGTACTACCAACCGGTACCTCCAGGAGGTATCGATGTACTGGAGACGGATGGGCATTTCCGAGAG
 AAGCTGCAGGCTGCCAATGCGGAGGACATCAAGAGCGGGAAGCTGAGCCGAGAGCTGGACTTTGTAGACC
 ACCACGTCCGACCAAGCTGGATGAGCTCAAGCGACAGGAGGTGTACGGCTGCGGATGCTGCTCAAGGC
 CAAGATGGACGCCGAGCAGGATCCCAATGTACAGGTGGATCATCTGAATCTCCTGAAACAGTTTGAACAC
 CTGGACCTCAGAACCAGCATACATTGAGGCCCGCGACCTGGAGCTGCTGATCCAGACGGCCACCCGGG
 ACCTTGCCAGTACGACGACGCCCATCATGAAGAGTTCAAGCGCTACGAGATGCTTAAGGAACACGAGAG
 ACGGCGTTATCTGGAGTCACTGGGAGAGGAGCAGAGAAAGGAGCGGAGAGGAAGCTGGAAGAGCAACAG
 CGCCGGCACCGGAGCACCCTAAAGTCAACGTGCCTGGCAGCCAAGCCAGTTGAAGGAGGTGTGGGAGG
 AGCTGGATGGACTGGACCCCAACAGTTTAACCCCAAGACCTTCTTCACTGATGATCAACAGTGA
 TGGTGTCTGGATGAGCAGGAGCTGGAGGCACTCTTACCAAGGAGCTGGAGAAAGTGTACGACCCAAAG
 AATGAGGAGGACGACATGCGGGAGATGGAGGAGGAGCGACTGCGCATGCGGGAGCATGTGATGAAGAATG
 TGGACACCAACAGGACCGCCTCGTGACCTGGAGGAGTTCTCGCATCCACTCAGAGGAAGGAGTTTGG
 GGACACCGGGGAGGCTGGGAGACAGTGGAGATGCACCTGCCTACACCGAGGAAGAGCTGAGGCGCTTT
 GAAGAGGAGCTGGCTGCCCGGGAGGCGAGAGTGAATGCCAAGGCCAGCGCCTCAGCCAGGAGACAGAGG
 CTCTAGGCGGTCCCAGGCGCGCTGGAGGCCAGAGAGAGCTGCAGCAGGCTGTGCTGCACATGGA
 GCAGCGGAAGCAGCAGCAGCAGCAGCAGCAAGGCCACAAGGCCCGGCTGCCACCTGAGGGGCGAGCTC
 AAGTTCCACCCAGACACAGCAGTGTACCTGTCCAGCTCCAGCCGGTGACCAGAAGGAGGTGGACACTT
 CAGAAAAGAACTTCTCGAGCGGCTCCCTGAGGTTGAGGTGCCCCAGCATCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201786 protein sequence
 Red=Cloning site Green=Tags(s)

MPPSGPRGTLPLPLPLPLPLRAVLAVPLERGAAPNKEETPATESPDTGLYYHRYLQEVIDVLETDGHFRE
 KLQAANAEDIKSGKLSRELDVSHHVRTKLDELKRQEVSRMLLKAKMDAEQDPNVQVDHLNLLKQFEH
 LDPQNQHTFEARDLELLIQTATRDLAQYDAAHHEEFKRYEMLKEHERRRYLES LGEEQRKEAERKLEEQ
 RRHREHPKVNVPQSQAQLKEVWEELDGLDPNRFNPKTFFILHDINS DGLDEQEALFTKELEKYYDPK
 NEEDDMREMEERLRMREHVMKNVDNQNDRLVLEEFLASTQRKEFGDTGEGWETVEMHPAYTEELRRF
 EEELAAREAE LNAKAQRLSQETALGRSQGRLEAQKRELQQAVLHMEQRKQQQQQQGHKAPAAHPEGQL
 KFHPDTPDVPVPAPAGDQKEVDTSKKLLERLPEVEVPQHL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_006184

ORF Size:

1383 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_006184.3</u>
RefSeq Size:	2585 bp
RefSeq ORF:	1386 bp
Locus ID:	4924
UniProt ID:	<u>Q02818</u>
Cytogenetics:	19q13.33
MW:	53.9 kDa