

Product datasheet for **RC200066A1V**

Human Nucleostemin (GNL3) (NM_014366) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Nucleostemin (GNL3) (NM_014366) AAV Particle
Tag:	Myc-DDK
Symbol:	Nucleostemin
Synonyms:	C77032; E2IG3; NNP47; NS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200066 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAAAAGGCCTAAGTTAAAGAAAGCAAGTAACGCATGACCTGCCATAAGCGGTATAAAATCCAAAAA
 AGGTTCGAGAATCATCGAAAATTAAGAAAGGAGGCTAAAAAGCAGGGTCACAAGAAGCCTAGGAAAGA
 CCCAGGAGTTCAAAACAGTGCTCCCTTTAAGGAGGCTCTTCTTAGGGAAGCTGAGCTAAGGAAACAGAGG
 CTTGAAGAACTAAACAGCAGCAGAACTTGACAGGCAGAAGGAAGTAAAAAGAAAAGAAAAGTGA
 CTAATCCTGATATTAAGCCATCAATGTGGAACCTATGAAAAAGGAGTTTGGGCTTTGAAAACTGAGAA
 CAAAGCCAAGTCGGGCAACAGAATTCAAAGAAGCTGTACTGCCAAGAACTTAAAAAGGTGATTGAAGCC
 TCCGATGTTGCTAGAGGTGTGGATGCCAGAGATCCTCTGGTTGCAGATGTCCTCAGGTAGAAGAGG
 CCATTGTCAGAGTGGACAGAAAAGCTGGTACTTATATTAATAATCAGATCTGGTACCAAGGAGAA
 TTTGGAGAGCTGGCTAAATTATTTGAAGAAAGAATTGCCAACAGTGGTGTTCAGAGCCTCAACAAAACCA
 AAGGATAAAGGGAAGATAACCAAGCGTGTGAAGGCAAGAAGAATGCTGCTCCATTTCAGAAGTGAAGTCT
 GCTTTGGGAAAGAGGGCCTTTGGAACTTCTTGAGGTTTTCAGGAACTTGACAGCAAGGCCATTCGGGT
 TGGAGTAATTGGTTTCCCAATGTGGGAAAAGCAGCATTATCAATAGCTTAAAAACAAGAACAGATGTGT
 AATGTTGGTGTATCCATGGGGCTTACAAGGAGCATGCAAGTTGTCCCCTTGACAAACAGATCACAATCA
 TAGATAGTCCGAGCTTCATCGTATCTCCACTTAATTCCTCCTCTGCGCTTGCTCTGCGAAGTCCAGCAAG
 TATTGAAGTAGTAAACCGATGGAGGCTGCCAGTGCCATCCTTTCCAGGCTGATGCTCGACAGGTAGTA
 CTGAAATATACTGTCCAGGCTACAGGAATCTCTGGAATTTTTACTATGCTTGCTCAGAGAAGAGGTA
 TGCACCAAAAAGGTGGAATCCCAATGTTGAAGGTGCTGCCAACTGCTGTGGTCTGAGTGGACAGGTGC
 CTCATTAGCTTACTATTGCCATCCCCCTACATCTTGGACTCCTCCTCCATATTTAATGAGAGTATTGTG
 GTAGACATGAAAAGCGGCTTCAATCTGGAAGAACTGGAAGAACAATGCACAGAGCATAGAGCCATCA
 AGGGCCCTCATTTGGCAATAGCATCCTTTCCAGTCTTCCGGTCTGACAAATGGAATAATAGAAGAAAA
 GGACATACATGAAGAATTGCCAAACGGAAGAAAGGAAGCAGGAGGAGAGGGAGGATGACAAAGACAGT
 GACCAGGAACTGTTGATGAAGAAGTTGATGAAAACAGCTCAGGCATGTTTGTGCGAGAAGACAGGGG
 AGGCACTGTCTGAGGAGACTACAGCAGGTGAACAGTCTACAAGGTCTTTATCTTGATAAAATCATTGA
 AGAGGATGATGCTTATGACTTCAGTACAGATTATGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200066 protein sequence
 Red=Cloning site Green=Tags(s)

MKRPKLKKASKRMTCHKRYKIQKKVREHHRKLKEAKKQGHKKPRKDPGVPNSAPFKEALLREAE LRKQR
 LEELKQQQLDRQKELEKKRKLETNPDIKPSNVEPMEKEFGLCKTENKAKSGKQNSKKLYCQELKKVIEA
 SDVVLEVLDARDPLGCRCPQVEEAIIVSQGQKLVILNKSDLVPKENLESWLNYLKKELPTVVFRATSKP
 KDKGKITKRVKAKKNAAPFRSEVCFGKEGLWKLLGGFQETCSKAIRVGVIGFPNVGKSSIIINSLKQEQMC
 NVGVSMGLTRSMQVPLDKQITIIDSPSFIVSPLNSSALALRSPASIEVVKPMEASAILSQADARQVV
 LKYTVPGYRNSLEFFTMLAQRRGMHQKGGIPNVEGAALLWSEWTGASLAYYCHPPTSWTPPPYFNESIV
 VDMKSGFNLEEKNAQSIRAIKGPLANSILFQSSGLTNGIIEEKDIHEELPKRKERKQEEREDDKDS
 DQETVDEEVDENSSGMFAAEEETGEALSEETTAGEQSTRSFILDKIIEEDDAYDFSTDYV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_014366

ORF Size:	1647 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_014366.4</u>
RefSeq Size:	2048 bp
RefSeq ORF:	1650 bp
Locus ID:	26354
UniProt ID:	<u>Q9BVP2</u>
Cytogenetics:	3p21.1
MW:	62 kDa