

Product datasheet for **RC223454A1V**

Human NUP54 (NM_017426) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NUP54 (NM_017426) AAV Particle
Tag:	Myc-DDK
Symbol:	NUP54
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC223454 representing NM_017426
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCTTCAATTTTGGGGCTCCCTCGGGCACCTCCGGTACCGCTGCAGCCACCGCGGCCCGCGGGTG
 GGTTTGAGGATTTGGGACAACATCTACAACTGCAGGTTCTGCATTTCAGCTTTTCTGCCCAACTAACAC
 AGGCACTACTGGACTCTTTGGTGGTACTCAGAACAAAGGTTTTGGATTTGGTACTGGTTTTGGCACAACA
 ACGGGAAGTAGTACTGGTTAGGTACTGGTTGGGAAGTGGACTGGGATTTGGAGGATTTAATACACAGC
 AGCAGCAGCAAACTACATTAGGTGGTCTCTTCAGTCAGCCTACACAAGCTCTACCCAGTCCAACAGCT
 GATAAATACTGCGAGTGCTCTTTCTGCTCCAACGCTGTTGGGAGATGAGAGAGATGCTATTTTGGCAAAA
 TGGAACTCACTGCAGGCTTTTGGGGAACAGGAAAAGGGTATTTCAACAATAATATTCGCCAGTGGAAT
 TCACACAAGAAAATCCCTTTTGGCGATTTAAGGCAGTAGGTTATAGTTGCATGCCAGTAATAAAGATGA
 AGATGGGCTAGTGGTTTTAGTTTTCAACAAAAAGAAACAGAGATTCGAAGCCAACAACAGTTGGTA
 GAATCATTGCATAAAGTTTTGGGAGGAAACAGACCCTTACTGTAAATGTAGAGGGCACTAAAACATTGC
 CAGATGATCAGACAGAAGTTGTTATTTATGTTGTTGAGCGTTCGCCAAATGGTACTTCAAGAAGATTCC
 AGCTACAACGCTATATGCCCATTTTGAACAAGCCAATATAAAACACAATTGCAGCAACTTGGTGTAAAC
 CTTTCTATGACTAGAACAGAAGTTTCTCCTGCACAGATCAAAACAGCTTTTACAGAATCCTCTGCTGGTG
 TTGATCCTATTATCTGGGAACAGGCCAAGGTAGATAACCTGATTCTGAAAAGTTAATTCCTGTACCAAT
 GGTGGGTTTTAAGGAAGTTCTCCGAAGACTGAAGTTCAAGATCAGATGACTAAGCAGCATCAACCAGA
 TTAGATATCATATCTGAAGATATTAGTGAGCTACAAAAGAATCAAACTACATCTGTAGCCAAAATTGCAC
 AATAACAAGAGGAACTCATGGATCTTTCCCATAGAAGTTTACAGGTCTAATCAAAACAGGAAATTCAAAG
 GAAGAGTGGTTATGCCATTTCAGGCTGATGAAGAGCAGTTGCGAGTTTCAGCTGGATACGATTTCAGGGTGAA
 CTAAATGCACCTACTCAGTTCAAGGGCCGACTAAATGAATTGATGTCTCAATCAGGATGCAGAATCATT
 TTGGAGCAGTCAGATCTGAAGAAAGGTATTACATAGATGCAGATCTGTTACGAGAAATCAAGCAGCATTT
 GAAACAACAACAGGAAGGCTTAGCCATTTGATTAGCATCATTAAAGACGATCTAGAAGATATAAAGCTG
 GTCGAACATGGATTGAATGAAACCATCCACATCAGAGGTGGTGTCTTTAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAFNFGAPSGTSGTAAATAAPAGGFGGFGTTSTTAGSAFSSAPTNTGTTGLFGGTQNKGFSGTGFGT
 TGTSTGLGTGLTGLGFGGFNTQQQQTTLGGLFSSQPTQAPTQSNQLINTASALSAPTLLGDERDAILAK
 WNQLQAFWGTGKGYFNNIIPVEFTQENPFCRFKAVGYSCMPSNKDEDGLVVLVFNKKETEIRSQQQLV
 ESLHKVLGGNQTLTVNVEGKTLPDDQTEVVIYVVERSPNGTSRRVPATTLTAHFEQANIKTQLQLGVT
 LSMTRTELSPAQIKQLLNPPAGVDPIIWEQAKVDNPDSEKLIPVPMVGFKELLRRLKVQDMTKQHQR
 LDIIISEDISELQKNQTTSVAKIAQYKRKLMDLSHRTLQVLIKQEIQRKSGYAIQADEEQLRVQLDTIQGE
 LNAPTQFKGRNLNMQIRMQNHFGAVRSEERYIIDADLLREIKQHLKQQQEGLSHLISIIKDDLEDIKL
 VEHLNETIHIRGGVFS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_017426

ORF Size:

1521 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_017426.2</u>
RefSeq Size:	2358 bp
RefSeq ORF:	1524 bp
Locus ID:	53371
UniProt ID:	<u>Q7Z3B4</u>
Cytogenetics:	4q21.1
MW:	55.3 kDa