

Product datasheet for **RC209975A1V**

Human NUP50 (NM_007172) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NUP50 (NM_007172) AAV Particle
Tag:	Myc-DDK
Symbol:	NUP50
Synonyms:	NPAP60; NPAP60L
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC209975 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCAAAAGAAATGCCGAGAAGGAAGTACAGATAGGAATTGGGATCAAGAAGATGAAGCTGAAGAGG
 TGGGAACATTCTCCATGGCCAGTGAGGAAGTCTTGAAGAATAGAGCCATAAAGAAAGCAAAGCGCAGAAA
 TGTTGGATTTGAATCTGACACTGGAGGAGCCTTTAAAGGTTTTAAAGGTTTGGTGGTACCTTCTGGAGGA
 GGACGCTTTTCTGGATTTGGTAGTGGCGCTGGAGGGAAGCCTTTGGAAGGACTGTGCAATGGAAACAACA
 TAACCACTGCCCTCCCTTCGCCAGTGCAAAGGCGAGCGCAGATCCCAAGGTAGCCTTTGGTTCTCTTGC
 TGCAATGGCCCTACCACCTTGGTTGATAAAGTTTCAAATCCCAAACTAATGGGGACAGTCAGCAGCCC
 TCCTCCTCTGGCCTTGTCTCAGTAAAGCTTGTGTCGGAATGCCTATCACAAGCAGTTGGCCGCTTGA
 ACTGCTCCGTGCGGGATTGGATAGTGAAGCACGTGAATACAAACCCCTCTGTGATCTGACACCTATCTT
 TAAAGACTATGAGAAATATTTAGCAAACATTGAACAGCAACACGGAACAGTGGCAGGAATTCTGAAAGT
 GAATCTAACAAAGTGGCAGCTGAAACACAGTCTCCTTCCCTTTTTGGCTCAACAAAATTACAGCAAGAGT
 CAACGTTTTTGTTCATGGCAACAAAAGTGAAGATACCTGACAAGAAGATGGAGGTGGCATCTGAAAA
 GAAAACGGACCATCATCACTAGGAGCGACAAGTGCCTCATTTAATTCGGAAGAAAGTTGATAGCTCT
 GTTTTGGGCTCATTAAGCTCTGTCCCTGACTGGATTTCTTCTCCCTGGAACTCCAGTTTATTTG
 GCAAAGATACTACCCAGAGTAACCAAGTCTCTTACCATTTCCTAAACATTGGAGGGCCAAGCAGA
 AGGTGACAGTGGTGAATGCAAAGGTGGAGATGAAGAAGAGAATGATGAGCCACCCAAAGTAGTAGTTACC
 GAAGTAAAAGAAGAAGATGCTTTTTACTCCAAAAGTGTAACTGTTTTACAAGAAAGACAATGAGTTTA
 AAGAGAAAGGCATAGGTACTCTGCATTTAAACCTACAGCAAATCAGAAGACACAGCTTTTGGTGGGGC
 AGACACCAATTTAGGCAACATATTGCTGAACGTTCTGATTCCACCCAATATGCCATGTACGCGAACAGGG
 AAGAATAACGTTCTTATCGTCTGTGTTCCAAATCCACCAATTGACGAGAAGAATGCCACCATGCCAGTCA
 CCATGTTGATTCGGGTAAAAACAGCGAGGATGCAGACGAGTTGCACAAAATTTTACTGGAGAAAAGGA
 TGCC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209975 protein sequence
 Red=Cloning site Green=Tags(s)

MAKRNAEKEL TDRNWDQEDEAEVGTFSMASEEVLKNRAIKKAKRRNVGFESDTGGAFKGFKGLVVPSSG
 GRFSFGSGAGGKPLEGLSNGNITSAPPFASAKAAADPKVAFGSLAANGPTTLVDKVSNPKTNGDSQQP
 SSSGLASSKACVGNAYHKQLAALNCSVRDWIVKHVNTNPLCDLTPIFKDYEKYLANIEQQHGNSSGRNSES
 ESNKVAETQSPSLFGSTKLQQUESTFLFHGNKTEDTPDKKMEVASEKKTDPSSLGATSASFNGKVKDSS
 VLGSLSSVPLTGFSPGNSSLFGKDTTQSKPVSSPFPKPLEGQAEGDSGECKGGDEEENDEPPKVVVT
 EVKEEDAFYSKCKLFYKKDNEFKEKIGTLHLKPTANQKTQLLVRADTNLGNILLNVLIIPPMPCTRTG
 KNNVLIVCVPNPPIDEKNATMPVTMLIRVKTSEDADELHKILLEKKDA

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_007172

ORF Size:

1404 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_007172.3</u>
RefSeq Size:	5225 bp
RefSeq ORF:	1407 bp
Locus ID:	10762
UniProt ID:	<u>Q9UKX7</u>
Cytogenetics:	22q13.31
MW:	50.1 kDa