

Product datasheet for **RC207001A1V**

Human NUP50 (NM_153645) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NUP50 (NM_153645) AAV Particle
Tag:	Myc-DDK
Symbol:	NUP50
Synonyms:	NPAP60; NPAP60L
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC207001 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCCAGTGAGGAAGTCTTGAAGAATAGAGCCATAAAGAAAGCAAAGCGCAGAAATGTTGGATTTGAAT
CTGACACTGGAGGAGCCTTTAAAGGTTTTAAAGGTTTGGTGGTACCTTCTGGAGGAGGACGCTTTTCTGG
ATTTGGTAGTGGCGCTGGAGGGAAGCCTTTGGAAGGACTGTGCAATGGAAACAACATAACCAAGTGCCCT
CCCTTCGCCAGTGCAAAGGCAGCGGCAGATCCCAAGGTAGCCTTTGGTTCTCTTGCTGCAAAATGGCCCTA
CCACCTTGGTTGATAAAGTTTCAAATCCCAAACTAATGGGGACAGTCAGCAGCCCTCCTCCTGCGCT
TGCTTCAGTAAAGCTTGTGTCGAAATGCCTATCACAAGCAGTTGGCCGCTTGAAGTCTCCGTGCGG
GATTGGATAGTGAAGCACGTGAATACAAACCCCTCTGTGATCTGACACCTATCTTTAAAGACTATGAGA
AATATTTAGCAAAACATTGAACAGCAACACGGGAACAGTGGCAGGAATTCTGAAAGTGAATCTAACAAAGT
GGCAGCTGAAACACAGTCTCCTTCCCTTTTGGCTCAACAAAATTACAGCAAGAGTCAACGTTTTTGT
CATGGCAACAAAAGTGAAGATACACCTGACAAGAAGATGGAGGTGGCATCTGAAAAGAAAACGGACCCAT
CATCACTAGGAGCGACAAGTGCCTCATTTAATTTCCGCAAGAAAGTTGATAGCTCTGTTTTGGGCTCATT
AAGCTCTGTCCCCTGACTGGATTTTCTTCTCCCCTGGAACTCCAGTTTATTTGGCAAAGATACTACC
CAGAGTAAACAGTCTCTTACCATTTCCTCACTAAACATTGGAGGGCCAAGCAGAAGGTGACAGTGGTG
AATGCAAAGGTGAGATGAAGAAGAGAAATGATGAGCCACCCAAAGTAGTAGTTACCGAAGTAAAAGAGA
AGATGCTTTTTACTCCAAAAGTGTAAGTGTGTTTACAAGAAAGACAATGAGTTTAAAGAAAGGCATA
GGTACTCTGCATTTAAACCTACAGCAATCAGAAGACACAGCTTTTGGTGCGGGCAGACACCAATTTAG
GCAACATATTGCTGAACGTTCTGATTCCACCAATATGCCATGTACGCGAACAGGGAAGAATAACGTTCT
TATCGTCTGTGTTCCAAATCCACCAATTGACGAGAAGAATGCCACCATGCCAGTCACCATGTTGATTGCG
GTAAAAACCAGCGAGGATGCAGACGAGTTGCACAAAATTTTACTGGAGAAAAGGATGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC207001 protein sequence Red=Cloning site Green=Tags(s) MASEEVLKNRAIKKAKRRNVGFESDTGGAFKGFKGLVVPSSGGGRFSGFGSGAGGKPLEGLSNGNNITSAP PFASAKAAADPKVAFGSLAANGPTTLVDKVSNPKTNGDSQQPSSSGLASSKACVGNAYHKQLAALNCSVR DWIVKHVNTNPLCDLTPIFKDYEKYLANIEQQHGNSGRNSESESNKVAAETQSPSLFGSTKLQQUESTFLF HGKNTEDTPDKKMEVASEKKTDPSSLGATSASFNFGKKVDSSVLGSLSSVPLTGFSPGNSSLFGKDTT QSKPVSSPFPKPLEGQAEGDSGECKGGDEEENDEPPKVVVTEVKEEDAFYSKKCKLFYKKNDFEKEGI GTLHLKPTANQKTQLLVRADTNLGNILLNVLIIPNMPCTRTGKNNVLIVCPNPPIDEKNATMPVTMLIR VKTSEDADELHKILLEKKDA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_153645
ORF Size:	1320 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_153645.2</u> , <u>NP_705931.1</u>
RefSeq Size:	5051 bp
RefSeq ORF:	1323 bp
Locus ID:	10762
UniProt ID:	<u>Q9UKX7</u>
Cytogenetics:	22q13.31
MW:	46.9 kDa