

Product datasheet for **RC222726A1V**

Human NKPD1 (NM_198478) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	NKPD1
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC222726 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGCAGGAGGCCGCGCAGCGCAGAGCGAGGAGCTGCAGCACGTGCAGTGGCGGCCGCTGCCGTGA
 GCGGCTGGGGCGTCCCAGCTACTGTGGTACCTGGTTCCTGCAGCCATCATCACCAGGTGCACCT
 GCGGCCAGGAACGTGCAGTTCCTTTTCATCCGCTTTCAGCGCTGGCAGTACCGGGACCCGACAAGCTG
 TGGGCCGCGCTGGTACACGTTGTGCGAGGGCATCCGCCCACTATGGCGCACTGCCCTTCAGCGTGT
 ACTCGGTGCTGGGAACAAGCCGGCCACCAGGCAGGACTGCTGCCAGAGCGAGTGGCATTGTCGGCGCCG
 CGTGTGCCTGGGGCTGCTGGCCGCTGCTGGCGGCGCTGGCCCTGGGTGTGGGGCTGCTCTACTGTCACTG
 GGCGGCCACCGCTGGGCCACGGCAGCCGAGCGGCAGCCTGCTCAAGGTGTTGGCGGCGCGGCCACCA
 CACTGTCCGGCTCGGGCTGCTCATGGCCGTACTCGGTGGGCAAGCACCTGTTCTGAAGCAGCGCAA
 GAAGATCGAGCGGCTGGTGTGCGTGAAGTTCCGGCAGCCAGCTGGGTTTCATGTGCGAGGTGAAGAAG
 GAGGTGGAGCTGCTCACCGACTTCCTGTGCTTCTGGAGATCTACCAAGCGCGCAGGCTGCCGCTGGTGC
 TGGAGGTACCCGGGCTGGACACGTGCTACCCGGAGCGCGTGGTGGGCGTCTCAACGCCATCAACACGCT
 GCTGTCCGACAGCCACGCGCCCTTCATCTTCATCCTGGTCTGGACCCAGCATCTGGCCGCGTGCCTA
 GAGAGCGCGGGAACATGAAGGGCAGCGCCGATAACGGCTACCTCTTCTCAACCGCACTGTCACGCTGC
 CCTCTCTGTGCCATTATGGGCCCGCCACCAAGCTGCAGTTTCTGCACGATGCGGTGCAGAGCCGCGA
 CGACCTGTTGTACCGGAGATGACGCGCAAGCCGTGGCTGCCGGGGACGCCGGGGGCGAGAGCGCGCAG
 CTGCTGGCGGTGCAGGCGCAGGCGGGGACGGAGCGGGGACGGGCCGATCGACGACGAGGCGCGCGGC
 GAATCCAGGAGCGCTCTTCTGCTTACGACGAGCGCGACTGCCCTACGAGTACGTGCCCGACAACGT
 GGTGTCCATGCGGCGCATCGTCAACACCGTGCCCATCACCGTGCCTGCTGCAGCAGCAGCAGCAGCAG
 GGGGACTTTGGGGCCCCACGCCGCCAGGCGGTGGCGTGGTGGTGTGCTCGCCAACAGTGGCCGTGCC
 GCCTGAGCTGGGCGCTGCAGTGCCTGGAGGACCGGCAGCAGACCGGGGGCGCGCCGAGGGCCGCGCGC
 CCTCTGGGACGTTTTCCGCGACAACAGCCGCGAGCTGCACACCATGACCAAGCGTTGCAGAACGTGCTC
 GACCTGGACGGCGACCCCGAGCTCTTCGAGCGCTTCTGGGCGCCGACTTCCCTTACCCGTGGCCGAGG
 CGCAGAGCCTGCTGCGCTGCACGGTCAACCTGGACCACTCCATCCGCCGCGCATGGGTCTCATCCGAGC
 CGTCAGCGGCTCAAGCCGCCAGCCGCCAAGTCCCTACCCGCGATACCCCCACGCTGCCACCCGG
 GCCAACAGCGCTCCAGGGCGCCCGTGGGCGTGCCTCAGGGAAGCCGGGAAGGCCACCACACTG
 GGGACTTGGCCACAGGGCAAGCTATGGCCGGTGGCCTGTGCGCTTTCGCTCCAGGGCAATCCAGCCC
 AGGTGGGCCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC222726 protein sequence
 Red=Cloning site Green=Tags(s)

MQQEAAQRESEELQHVQWRPRAVSGWVPLLWYLVFLQPIITEVHLRRRNQVFLFIRFSAWQYAGTDKL
 WAGLVTTLCEGIRRHYGALPFSVYVSLGNKPTRQDCCQSEWHCRRRVCLGLLALLAALGLVGLLYLSL
 GGHALGHGSPSGLLKVFGGAATLSSGGLLMAVYVSGKHLFVSQRKKIERLVSREKFGSQLGFMCEVKK
 EVELLTDFLCFLEIYQRRRLRVVLEVTGLDTCYPERVVGVLNAINTLLSDSHAPFIFILVVDPSILAACL
 ESAGNMKGTADNGYLFLNRTVTLPFVPIIMGRRTKLQFLHDAVQSRDMLLYREMTKRWLPDAGGESAQ
 LLAVQAQAGTERGQGRIDDEAARRIQEALFCLHDERDCLYEYVDPNVVSMRRIVNTVPITVRLQQQQQ
 GDFGGPTPRQAVAVVLANQWPCRLSWALQCLEDRQQTGGAPEGRARLWDVFRDNSRELHTMTKALQNVL
 DLDDPELFLFERFLGADFPFTVAEAQSLRCTVNLDSHIRRRMGLIRAVSALKPPSPKSPTRDTPHAAHR
 ANSASRAPPSSGRASGQAGEGHTGDLAHRGKLWPVACALFRPGQSSPGGP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2

ACCN:	NM_198478
ORF Size:	1830 bp
Buffer:	PBS with 0.001% Pluronic F8554
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_198478.2</u> , <u>NP_940880.2</u>
RefSeq Size:	4687 bp
RefSeq ORF:	2499 bp
Locus ID:	284353
Cytogenetics:	19q13.32
MW:	67.8 kDa