

Product datasheet for **RC219282A1V**

Human ARK5 (NUAK1) (NM_014840) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ARK5 (NUAK1) (NM_014840) AAV Particle
Tag:	Myc-DDK
Symbol:	NUAK1
Synonyms:	ARK5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC219282 representing NM_014840
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGAAGGGGCCCGCGCCTGTGGCGGGGACCGCCCGACTTGGGGCTGGGGCGCCGGGCTCTCCC
 GAGAGGCGGTGGCGGGGCGACTGCAGCCCTGGAGCCAGGAAGCCGCACGGGGTGAAGCGGCATCACCA
 CAAGCACAACCTGAAGCACCGCTACGAGCTGCAGGAGACCCTGGGCAAAGGCACCTACGGCAAAGTCAAG
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 TATTTATGAAGTGTGAGAACAAGATAAGATTGTGATCATCATGGAATATGCCAGCAAAGGGGAGCTG
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 TTGGACAGTAATGATGTGATGGGCAGCAGCATCCCTCCCCAGCCCCCGGACCCAGCCAGGGTAACCT
 CCCACAGCCTCTCCTGCCGAGGAAGGGCATCTTGAAACACAGCAGCAAATACTCAGCGGGCACCATGGA
 CCCAGCCCTGGTCAGCCCTGAAATGCCACACTGGAATCCCTGTCAGAGCCTGGTGTCCCTGCCAGGGC
 CTCTCCCGGAGCTACAGCCGCCCTTCCAGTGTATCAGCGATGACAGCGTGTGTCCAGCGACTCTTTG
 ACTTGCTGGATTGTCAGGAGAATCGCCCTGCCCGCCAGCGCATCCGCAGCTGCGTCTCTGCAGAAAACCT
 CCTCCAGATCCAGGACTTTGAGGGGCTCCAGAACCAGGGCCCGGCCAGTACCTGAAGCGGTACCGGAAC
 CGGCTGGCAGACAGCAGCTTCTCCCTCCTCACAGACATGGATGATGTGACTCAGGTCTACAAGCAAGCGC
 TGGAGATCTGCAGCAAGCTCAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC219282 representing NM_014840 Red=Cloning site Green=Tags(s) MEGAAAPVAGDRPDLGLGAPGSPREAVAGATAALEPRKPHGVKRHHKHNKHYELQETLGKGTYGKVK RATERFSGRVVAIKSIRKDKIKDEQDMVHIRREIEIMSSLNHPHIISIYEVFENKDKIVIIMEYASKGEL YDYISERRRLSERETRHFRRQIVSAVHYCHKNGVVHRDLKLENILLDDNCNIKIADFGLSNLYQKDKFLQ TFCGSPLYASPEIVNGRPYRGPEVDSWALGVLLYTLVYGTMPFDGFDHKNLIRQISSGEYREPTQPSDAR GLIRWMLMVNPDRRATIEDIANHWWVNWGYKSSVCDALHDSESPLLARIIDWHHRSTGLQADTEAKMK GLAKPTTSEVMLERQSRSLKSKKENDFAQSGQDAVPESPSKLSKRPKGILKKRSNSEHRSHSTGFIEGV VGPALPSTFKMEQDLCRTGVLLPSSPEAEVPGKLSPKQSATMPKKGILKKTQQRESGYSSPERSESSEL LDSNDVMGSSIPSPPPDPARVTSLSLSCRKLGILKHSSKYSAGTMDPALVSPMPPTLESLEPGVPAEG LSRSYSRPSSVISDDSVLSSDSFDLLDLQENRPARQIRSCVSAENFLQIQDFEGLQNRPRPQYLKRYRN RLADSSFSLLTDMDDVTQVYKQALEICSKLN* TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_014840
ORF Size:	1983 bp
Buffer:	PBS with 0.001% Pluronic F7975
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:	NM_014840.2 , NP_055655.1
RefSeq Size:	6821 bp
RefSeq ORF:	1986 bp
Locus ID:	9891
UniProt ID:	O60285
Cytogenetics:	12q23.3
MW:	74.1 kDa