

Product datasheet for **RC228818A1V**

Human **NEK6** (NM_001166168) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NEK6 (NM_001166168) AAV Particle
Tag:	Myc-DDK
Symbol:	NEK6
Synonyms:	SID6-1512
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC228818 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCAGGACAGCCCGGCCACATGCCCCATGGAGGGAGTTCCAACAACCTCTGCCACACCCTGGGGCCTG
TGCATCCTCCTGACCCACAGAGGCATCCCAACACGCTGTCTTTTCGCTGCTCGCTGGCGGACTTCCAGAT
CGAAAAGAAGATAGGCCGAGGACAGTTTCAAGGAGGTGTACAAGGCCACCTGCCTGCTGGACAGGAAGACA
GTGGCTCTGAAGAAGGTGCAGATCTTTGAGATGATGGACGCCAAGGCGAGGCAGGACTGTGTCAAGGAGA
TCGGCCTCTTGAAGCACTGAACACCCAAATATCATCAAGTATTTGGACTCGTTTATCGAAGACAACGA
GCTGAACATTGTGCTGGAGTTGGCTGACGCAGGGGACCTCTCGCAGATGATCAAGTACTTTAAGAAGCAG
AAGCGGCTCATCCCGGAGAGGACAGTATGGAAGTACTTTGTGCAGCTGTGCAGCGCCGTGGAGCACATGC
ATTCACGCCGGGTGATGCACCGAGACATCAAGCCTGCCAACGTGTTTCATCACAGCCACGGGCGTCGTGAA
GCTCGGTGACCTTGGTCTGGGCCGCTTCTTCAGCTCTGAGACCACCGCAGCCCACTCCCTAGTGGGGACG
CCCTACTACATGTCACCGGAGAGGATCCATGAGAACGGCTACAACCTCAAGTCCGACATCTGGTCCTTGG
GCTGTCTGCTGTACGAGATGGCAGCCCTCCAGAGCCCTTCTATGGAGATAAGATGAATCTCTTCTCCCT
GTGCCAGAAGATCGAGCAGTGTGACTACCCCCCACTCCCGGGGAGCACTACTCCGAGAAGTTACGAGAA
CTGGTCAGCATGTGCATCTGCCCTGACCCCAACGAGACCTGACATCGGATACGTGCACCAGGTGGCCA
AGCAGATGCACATCTGGATGTCCAGCACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC228818 protein sequence Red=Cloning site Green=Tags(s) MAGQPGHMPHGGSSNNLCHTLGPVHPPDPQRHPNTLSFRCSLADFQIEKKIGRGQFSEVYKATCLLDRKT VALKKVQIFEMMDAKARQDCVKEIGLLKQLNHPNIIKYLDSFIEDNELNIVLELADAGDLSQMIKYFKKQ KRLIPERTVWKYFVQLCSAVEHMSRRVMHRDIKPANVFITATGVVKLGDLGLGRFFSSETTAHSLVGT PYMSPERIHENGYNFKSDIWSLGCLLYEMAALQSPFYGDKMNLFLSCQKIEQCDYPPLPGEHYSEKLRE LVSMCICPDHPQRPDIGYVHVQAKQMHIWMSST TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001166168
ORF Size:	939 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_001166168.1, NP_001159640.1</u>
RefSeq Size:	2587 bp
RefSeq ORF:	942 bp
Locus ID:	10783
UniProt ID:	<u>Q9HC98</u>
Cytogenetics:	9q33.3
MW:	35.7 kDa