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Product datasheet for MR210111A1V

Mouse Nek8 (NM_080849) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Nek8
Synonyms:	4632401F23Rik; b2b1449C; b2b1449Clo; jck
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

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ORF Nucleotide Sequence:

>MR210111 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGAAGTACGAGCGGATCCGAGTGGTGGGAAGAGGTGCCTTCGGGATTGTGCACCTGTGCCTGCGAA
AGGCCGACCAGAAGCTGGTGATCCTCAAGCAGATCCCAGTGGAACAGATGACCAAAGAAGAGAGGCAGGC
GGCCCAGAACGAGTGCCAGGTGCTCAAGCTGCTCAACCACCCCAACGTCATCGAGTACTATGAGAATTTC
CTAGAGGACAAGGCCCTCATGATTGCTATGGAGTACGCACCAGGTGGCACCTTGGCCGAGTTCATCCAGA
AGCGCTGCAACTCTCTGCTAGAGGAGGAGACGATCCTTCACTTCTTTGTGCAGATCCTGCTGGCTCTGCA
TCACGTGCATACACATCTCATCCTGCATCGGGACCTCAAGACACAGAACATCCTTCTTGACAAACACCGC
ATGGTGGTCAAGATCGGTGACTTTGGCATCTCTAAGATCCTCAGCAGCAAGAGCAAGGCCTACACGGTGG
TGGGTACACCCTGCTACATCTCCCCTGAGCTGTGTGAGGGCAAACCCTACAACCAGAAGAGTGACATCTG
GGCTCTGGGCTGTGTCTTATATGAGCTGGCCAGCCTCAAGAGGGCCTTCGAGGCTGCAAACTTGCCAGCC
CTGGTGCTGAAGATCATGAGTGGCACCTTCGCACCCATCTCTGACCGGTACAGCCCTGAGCTTCGCCAGC
TCGTCCTGAGTCTGCTTAGCCTGGAACCTGCACAGAGGCCACCCCTCAGCCACATCATGGCGCAGCCCCT
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CTGACCCCAGGACCACCTATAGCCTCTGGCAGCACAGGGAGCAGGGCCACCAGTGCCCGATGTAGGGGTG
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TAGCAGTCCCCTGAGGTTGCCAATGCTCAACACGGAGGTGGTCCAGGTAGCCGCTGGGCGCACGCAGAAG
GCTGGCGTTACGCGCTCTGGACGCCTCATCCTGTGGGAGGCCCCACCCCTGGGAGCTGGAGGCGGCACAC
TCCTTCCTGGAGCCGTGGAGCTGCCTCAGCCCCAGTTTGTCTCTCGTTTCCTGGAAGGCCAGTCAGGTGT
GACCATCAAGCATGTGGCCTGCGGGGACCTGTTCACCGCTTGCTTGACAGACCGAGGCATTATCATGACG
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AAGCCTTGCTGGGCTATGAGATGGTGCAGGTGGCCTGTGGGGCCTCTCATGTGCTGGCCCTGTCCACAGA
TGGAGAGTTATTCGCCTGGGGCAGAGGAGATGGTGGTAGACTGGGACTAGGCACCAGGGAGTCCCATAAC
TGCCCTCAGCAGGTGCCTGTGGCCCCAGGACAGGAAGCTCAGAGAGTTGTCTGTGGTATTGACTCTTCCA
TGATCCTCACCTCTCCAGGCAGGGTCCTGGCCTGTGGAAGTAACAGGTTCAACAAGCTAGGCTTGGACCA
CCTATCCCTGGACGAGGAGCCTGTTCCCTACCAGCAAGTGGAGGAGGCCCTGAGCTTCACACCACTGGGC
TCTGCACCTCTGGACCAGGAGCCCCTGCTGTGTGTGGACCTTGGCACTGCTCATTCAGCTGCTATCACTG
CTTCTGGGGACTGCTATACTTTTGGCAGCAATCAACATGGACAGCTGGGCACCAGTTCCCGCAGGGTCAG
CAGGGCACCCTGTCGGGTCCAAGGCCTGGAGGGCATCAAGATGGTGATGGTGGCCTGCGGGGATGCCTTC
ACTGTGGCCGTTGGGGCAGAGGGGGAAGTGTATTCTTGGGGCAAAGGAACCCGAGGCCGACTGGGAAGGA
GGGATGAGGATGCGGGGCTGCCTAGGCCAGTGCAGCTGGATGAGACTCATCCTTACATGGTGACTTCAGT
GTCCTGCTGCCATGGGAACACTCTGCTGGCTGTTCGATCAGTCACAGATGAACCAGTTCCCCCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR210111 protein sequence
Red=Cloning site Green=Tags(s)

MEKYERIRVVGRGAFGIVHLCLRKADQKLVILKQIPVEQMTKEERQAAQNECQVLKLLNHPNVIEYYENF
LEDKALMIAMEYAPGGTLAEFIQKRCNSLLEEETILHFFVQILLALHHVHTHLILHRDLKTQNILLDKHR
MVVKIGDFGISKILSSKSKAYTVVGTPCYISPELCEGKPYNQKSDIWALGCVLYELASLKRAFEAANLPA
LVLKIMSGTFAPISDRYSPELRQLVLSLLSLEPAQRPPLSHIMAQPLCIRALLNIHTDVGSVRMRRAEKS
LTPGPPIASGSTGSRATSARCRGVPRGPVRPAIPPPLSSVYAWGGGLSSPLRLPMLNTEVVQVAAGRTQK
AGVTRSGRLILWEAPPLGAGGGTLLPGAVELPQPQFVSRFLEGQSGVTIKHVACGDLFTACLTDRGIIMT
FGSGSNGCLGHGNLTDISQPTIVEALLGYEMVQVACGASHVLALSTDGELFAWGRGDGGRLGLGTRESHN
CPQQVPVAPGQEAQRVVCGIDSSMILTSPGRVLACGSNRFNKLGLDHLSLDEEPVPYQQVEEALSFTPLG
SAPLDQEPLLCVDLGTAHSAAITASGDCYTFGSNQHGQLGTSSRRVSRAPCRVQGLEGIKMVMVACGDAF
TVAVGAEGEVYSWGKGTRGRLGRRDEDAGLPRPVQLDETHPYMVTSVSCCHGNTLLAVRSVTDEPVPP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_080849
ORF Size:	2094 bp
Buffer:	PBS with 0.001% Pluronic F1209
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_080849.2, NP_543125.1
RefSeq Size:	2832 bp
RefSeq ORF:	2097 bp
Locus ID:	140859
UniProt ID:	Q91ZR4
Cytogenetics:	11 46.74 cM
MW:	75.3 kDa

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