

Product datasheet for **RN200662**

Nek11 (NM_001108182) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nek11 (NM_001108182) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nek11
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200662 representing NM_001108182
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGAAATCCAAGAGACTGCTAAGTGTGGACCCACAGCCATTCTGTGTACCCACCCACTGTGATTG
 CAAGAAGATACGTTCTCCAACAGAAGCTTGGCAGCGGGAGTTTTGGAAGTGTCTATCTGGTGTGAGACAA
 GAAAGCCAAGCATGGAGAGGAACTAAAAGTACTGAAGGAAATCTCTGTTGGAGAATTAATCCAAATGAA
 AGTGTGCAGGCCAGTATGGAAGCCAGCTCCTGTCCACGCTAAACCATCCGGCCATCGTCAGGTTCCACG
 AAAGCTTCATGGAGCAGGTACATTTTGCATTATCACGGAGTACTGTGAGGGCCGAGATCTGGACTATAA
 AATCCAGGAATATAAAGAAGCTGGGAAATCTTTCCTGACAATCAGATAGTGAATGGTTTATCCAGTTG
 CTGCTTGGAGTTGATTACATGCATGAGAGGAGGATACTTCATCGAGACTTGAATCAAAGAATATATTTT
 TGAATAAATCTACCCAAAATGGGGACTTTGGAGTTTCTCGGCTGCTGATGGGTTTCATGTGAGCTGGC
 TACAACCTAACCGGGACTCCCTATTATATGAGTCCAGAGGCCCTGAAGCACCAAGGCTGTGATGCCAAG
 TCTGACATCTGGTCACTGGCATGCATTTTATACGAGATGTGTTGCATGGATCATGCGTTTTCTGGCTCCA
 ATTTCTTGTCTGTGGTTTTGAATATCGTTGAAGGCAACACGCCTTCACTCCCTGACAGATACCCACGAGA
 ACTAAACATCATCATGTCACGCATGTTGAACAAGAGTCCCTCCCTGAGACCGTCCGGTGCAGAGATTTTA
 AAAGCCCCTTACGTGGAAGAGCGCCTTCAGCAGCTGATGTATAAACATCCAGAGGCGACTGGAAGACA
 AGAGGAACTCAGCCTGTCAGAAGGAGGCTGCCATGCAGTTAACGCCATGCAGAGAGAGATTTACCTGCA
 GACTCTGCGAGCCTTGTGTGTAGTGCAGAAAATCACTCCACAGAACGGGTATGGCCGAGGAAGCTGCAG
 GCAGCTGATGAGAGAGCCAGGAGGCTGAAAAAGATTACTGAAGGAAGAAGATATAAAGAAAATAACAAAA
 GGGCCAAAGAACTAAGATCCCAGAACTTTGGGTCTGTGAGTGCCCATGTGCTCCAGGAATTAGATGAAT
 GACTCTGGAGAGCCTGTCTCAACCTCAGTCCCTTCCTTGCTGAACCTCGATGAACCTTGAGCCAGTTTA
 GAAGGCACCATTGTTGACCTCGGACATTATGAGATCCCAGAAGACCCGCTTGTGCTGAACAATATTATG
 CTGATGTATTTGATTCTGTTCTGAAGACAGTGGGGAGCAGGAGGAAGAAATGGCATTTCAGAAGCAGG
 GGGAGACATGAGAGAGGAGGGATCCCCACCTACATACAGAACAACCAACAGGTACCCCTCCCGCTCTG
 GCCAGAAGAGATGAGCTGTCCGCGGTGCTGACCGATTCTGGACTCAGGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108182

Insert Size: 1524 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001108182.1](#), [NP_001101652.1](#)

RefSeq Size: 2646 bp

RefSeq ORF: 1524 bp

Locus ID: 315978

Cytogenetics: 8q32