

## Product datasheet for **RN203111**

### **Nek9 (NM\_001106747) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nek9 (NM_001106747) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nek9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:**

>RN203111 representing NM\_001106747

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGTCCGTGCTGGGCGAGTATGAGCGCACTGCGATTCCATCAACTCGGACTTCGGAAGCGAGTCCGGGG  
GTGGCGGGGACTCGGGCTCGGGGCCAGCGCTAGCCCGGGCCGCGAGCCGGCGGTGCGGGCGAGCAGGA  
GGAGCTGCACTACATCCCATCCCGCTCTGGGCCGCGCGCCTTTGGGAGGCCACGCTATACCGCCG  
ACCGAGGATGACTCACTGGTGGTGTGGAAGGAAGTTGATTTGACCCGACTTTCTGAGAAAGAGCGTCGTG  
ACGCCCTGAATGAGATTGCATTCTAGCGCTGCTGCAGCATGACAACATTATTGCCTACTACAACCACTT  
TATGGACAATACTACCCTGCTGATTGAGTTGGAGTATTGTAACGGAGGGAACCTCTATGACAAAATCCTT  
CGTCAGAAGGACAAGTTGTTCAAGAAGAGATGGTGGTGTGTACCTTTTTAGATTGTTTCAGCAGTGA  
GCTGTATCCATAAAGCTGGAATCCTCCATAGAGATATAAAGACATTAATATTTTTCTGACCAAGGCAAA  
TCTGATAAAGCTTGAGACTATGGCCTAGCAAAGAACTTAATTCTGAGTACTCTATGGTGAAACACTT  
GTGGGCCTCCATATTACATGTCTCCAGAGCTCTGCCAAGGAGTAAAGTATAATTTCAAGTCTGATATCT  
GGGCAGTTGGCTGTGTCATTTTTGAACTGCTTACTCTGAAAAGAACATTTGATGTACAAAACCACTCAA  
CCTGTGTGTGAAGATTGTGCAGGATATCCGGGCCATGGAAGTCGACTCTAGTCAGTATTCTTTGGGGCTC  
ATCCAGTTGGTGCATGCATGCCTCGACCAGGATCCTGAGCGGAGACCCACTGCAGATGCACTTCTGGATC  
TCCCCCTTCTCAGGAAACGTAGGAGAGAGATGGAAGAAAAAGTCACTCTGCTTAATGCACCTACAAAAG  
ACCCAGGTCAAGCACTGTGACTGAAGCACCCATTGCTGTGGTAACATCTCGAACCAGTGAAGTCTATGTT  
TGGGGTGGTGGAAAATCCACACCTCAGAAATGGATGTATCAAGAGTGGCTGTAGTCTCGACAGGTGT  
GGCAGGGAACACCCACTTTGCTGTGGTCACCGTGGAGAAGGAATATACCTGGGTGAACATGCAAGG  
GGCACTAAACTTCATGGTCAGCTAGGACATGGAGACAAAGCTTCTACCAGACGCAAAAGCATGTGGAG  
AAGTTGCAAGGAAAAGCTATCCACCAGGTGTATGGTGTGATGACTTCACTGTTTGTGTGACAGATGAAG  
GTCAGCTCTATGCCTTTGGATCAGATTATTATGGCTGCATGGGAGTGGACAAGGTTTCTGGTCTGAAGT  
GCTTGAACCCATGCAGCTGAACCTTCTCCTCAGCAATCCAGTGGAGCAGGTCTCCTGTGGGGATAATCAT  
GTGGTAGTTCTGACACGAAACAAGGAAGTCTACTCTGGGGCTGTGGTGAATATGGACGCTGGGTTTGG  
ATTCAGAAGAGGATTACTATACACCACAGAGGGTGGATGTTCCAAAGGCCTTAATCATTGTTGCGGTTCA  
ATGTGGCTGTGATGGGACCTTCTGCTCACTCAGTCAGGCAAAGTCTGGCCTGCGGACTCAACGAGTTC  
AACAACTGGGGCTGAATCAGTGCATGTCTGGGATCATCAACCATGAAGCATAACCAGAAAGTTCCTACA  
CGACCTCCTTTACCTTGCCAAACAGTTATCCTTTTACAAAATCCGTACCATTGCTCCAGGCAAGACTCA  
CACGGCTGCTATTGATGAGCGAGGCCGGTGTGACTTTTGGCTGTAATAAGTGTGGGCAGCTGGGTGTT  
GGGAATTATAAGAAGCGCCTGGGAATCAACCTGTTGGGGGACCCCTTGGTGGGAAGCAAGTATCAGGG  
TCTCCTGTGGCGATGAGTTCACCATCGCTGCCACCGATGATAATCACATTTTTGCCTGGGGTAATGGTGG  
TAACGGCCCGCTGGCAATGACTCCACAGAGAGACCACATGGCTCTGATATCTGTACCTCCTGGCCTCGG  
CCTATTTTTGGATCTCTGCATCATGTCCAGACCTTTCTTGCCGTGGCTGGCACACCATTTCTATTGTTG  
AGAAAGTATTGAATCCAAGACCATCCGTTCTAACAGCAGTGGCCTATCCATCGGAACCTGGTTTCAGAG  
CTCCAGCCCAGGCGCCGCAATTTGGTGGTGGCGGGGTGAAGAGGAAGATAGTCAGCAGAACTGAAACT  
CCAGATCCAAGTGGAGGTTTCCGAGGAACAATGGAAGCAGACCCGTGGAATGGAAGGTTTAAATCAGCCCCA  
CAGAGGCTGTGGGAAACAGTTGTGGGGCTAGCAGCTCCTGTCTGGCTGGCTTCGGAAGGAGCTGGAAAA  
TGCTGAGTTATCCCCATGCCTGACAGCCAACTCCCCTAAGTGCAGCATTTTACAATCTGAGAAGGAC  
ACTCTACCCTATGAAGAGCTGCAAGGACTCAAAGTCGCATCTGAAGTCCCTCCGGAACACCAGCCTGCAG  
TAGGAGCCTGGCCCCCGGCTGAATCCTGCAGTCCCGTGTGTTGGGAAAGCATTGACCTCTCCTGCCTG  
TGCATGCAGTCTCTGCAAGTGGAGTTGAGAGGCTGCAGGGCCTGGTGTAAAGTGTCTGGATGAGCAG  
CAGAAGCTCCAGCAAGAAAACCTCCAGATTGTTACTCAGCTCCAAAAGCTCAACAAGAGACTGGAAGGAG  
GCCAGCAGGTGGGATGCACTCCAGAGGAACCCAGACAGCAAAGGAAGACAGGAAATGGATCCAAAGCCT  
GACTTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001106747
<b>Insert Size:</b>	2877 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001106747.1</a></u> , <u><a href="#">NP_001100217.1</a></u>
<b>RefSeq Size:</b>	5822 bp
<b>RefSeq ORF:</b>	2877 bp
<b>Locus ID:</b>	299204
<b>Cytogenetics:</b>	6q31