

Product datasheet for **RN212438**

Nek4 (NM_001013134) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nek4 (NM_001013134) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nek4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212438 representing NM_001013134
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCAAGCCGCATACTGTTACTTGCGGGTCGTGGCAGGGGTAGTTACGGGGAGGTGACGCTCGTGA
 AGCATCGCGGGACGGCAAGCAGTATGTCATCAAAAAGCTGAACCTCCGGAATGCCTCCAGCCGGGAGCG
 TCGAGCGGCAGAGCAGGAGGCTCAGCTCCTGTCTCAGTTGAAGCACCCCAACATTGTCACCTACAAAGAG
 TCATGGGAGGGCGGAGACGGTCTGCTCTACATCGTCATGGGCTTCTGCGAAGGAGGCGATCTGTACCGGA
 AGCTCAAGGAGCAGAAGGGGAGCTTCTGCCTGAGAGTCAGGTGGTGGAGTGGTTTGCCAGATCGCCAT
 GGCCTTGCACTTACATGAGAAGCACATCCTTCATCGAGATCTGAAAACCTCAGAATGTCTTCTTAACA
 AGAACAAACATCATCAAAGTAGGTGACCTAGGCATTGCCCGAGTGTGGAGAATCACAGTGACATGGCGA
 GCACCTCATTGGCACACCTATTACATGAGTCTGAGCTGTTCTCAACAAACCCTACAATAAAGTC
 GGATGTTTGGGCTTTGGGATGCTGCGTGTATGAAATGGCCACCCTGAAGCATGCTTTTAATGCAAAAAGAC
 ATGAATTCCTTTAGTTTATCGGATTATTGAAGGAAAGTTGCCACCAATGCCAAAAGTTACAGTGCCGAGC
 TGGCAGAGCTGATAAGAACCATGTTGAGCAGGAGACCTGAGGAGAGGCCCTCTGTGCGGAGCATCCTGCG
 GCAGCCCTACATAAAAACCCACATCTCCTTGTCTTGGAGGCCACCAAGGCGAAAACCTCCAAAAATAAT
 GTTAAAAACTGTGACTCCAGAGCCAAACCCGTTGCTGCTGTAGTTCCAGAAAAGGAAGCAAAATCATG
 AAATGATTCCTACCAGCCACGCTCTTCTGAGGGCTCCGCTGTACATGCCACGGGTGAAGATAAATGTCT
 GTCCCAAGAAAACCAGTGGACATTGGTCCCTTGAATCACCTGCTAGTCTCGAAGGCCACACTGGCAAA
 CAAGACATGAACAGGACTGCAGAGTCGTGTGCCACAGTCAGTGGATAAATATCGATATCTTACCTGCAG
 AAAGGAGGACTCAGCAAAAGATGGCACAGTTGAGGAGGGCCACCACAGCACGTGGATGCTTCTAATGA
 AGTAGACCGTCAATGCAGTATTTCTCAAGAGAAGGAGAGGCTACAGGGCAACAGCAAGTCTAGTGATCAG
 CCGGAAAAATCTCCTTCCAGATGGTCTCTGGTGGTGGTATGGGGAAGGGAATGAACTGGTGAAGCTGT
 TGTACTCCTCGGGTAAAGACCAAAAGCCACAGCAGGATCAAGTACTAGCGGGTGTATTCTAGAAGATCA
 GGACAGCATCCACCAAGACTGCAGCCGCACAGCTCTGTATCTGAACCTTCTTTGTCCCGGCAGCGAAGG
 CAGAGAAAAAGGGAACAGACGAACCACGGTCGGGCAAAGAGCCAGCTCCAAGAATCACCCCTCGTCTTG
 TGCCTTCTCACCTGATACTGGGAAAGCAGATATCATAAGTACACAGCAAAGTATGAAACCAAAAGTGG
 ACCTGTGGCTAGGTCTGTGAATGGTTCAAGGTCTAGTTCGACAGCGTCATCAAAGGATCGGCCATTATCA
 GCCAGAGAGAGGAGCAGCTAAAGCAGTCGAGGAAGAGATGCTCCCTCAGGCCCTGCAGTTCAGAGAA
 CTCCAAGTTCAGTAGAGCCAGTAAACCACAGGAAGAAGACCAACCCATCCCTGCCCAACGATTCTCTTC
 TGACTGCAACATCACTCAGGTGAATCCACACTCCTGAGGGAAAAGAGACTGATCCATGGACTGTCT
 GAGGATGAGTTAAGTTCTTCCACAAGCTCAACTGATAAATCAGATGGGGATTCCAGGGAGGGGAAAAGTC
 ATACAAATGAAATGAGAGACTTGGTGCAGCTGATGACTCAGACTCTGAGGCTGGAAGCTAAAGAGAGCTG
 TGAAGATCTTCATGTACCAAAACCAGGGTCAGAGTTCAGACTTCATCGCAAGTATCGAGACACGCTGGTG
 CTCCACGGCAAGGCTGCGGAAGAGGGGAGCCCCCTGTGTGGAGTTACCTCCAGGTATCACACCAGGTT
 CTGAAAAGATCAGGAGAAATAGTTGAAGTCTTAAGAGCTGATGTATCCAGGGCCTGGGGGTTTCACTTTT
 AGAGCAGGTGTATGATCTTTTGGAGGAGGAAGATGAGTTGGAGAGAGAGGCACGATTACAGGAGCACATG
 GGAGACAAGTATACAACCTACAGTGTAAAGCTCGCCAGTTGAAGTTTTTGAAGAAAATGTGAGTTTTT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001013134
Insert Size: 2382 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:	<ol style="list-style-type: none">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:	<u>NM_001013134.2</u> , <u>NP_001013152.2</u>
RefSeq Size:	2722 bp
RefSeq ORF:	2382 bp
Locus ID:	306252
Cytogenetics:	16p16