

Product datasheet for **RN216323**

Nek6 (NM_001277232) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nek6 (NM_001277232) Rat Untagged Clone
Tag: Tag Free
Symbol: Nek6
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216323 representing NM_001277232
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGGACAGCCAGCCACATGCCTCATGGAGGGAGCCAAACCACCTCTGCCACGTGCTGGGGCCTG
CACACCCCTCCGGACCCACAGAGGCACCCAAACACCCTGTCTTTTCGCTGCTCACTGGCAGACTTCCAAAT
CGAGAAGAAGATTGGCCGAGGACAGTTCAGTGAGGTCTACAAAGCCACCTGCCTGCTGGACAGGAAGACA
GTGGCTCTGAAGAAGGTGAGATTTTGTAGATGATGGATGCCAAAGCCAGACAGGACTGTGTCAAAGAAA
TTGGTCTCCTAAAGCAACTGAACCATCCAACATCATTAAGTACCTGGACTCCTTCATCGAAGACAATGA
GCTGAACATTGTGCTGGAGTTGGCTGACGCAGGTGACCTCTCACAGATGATCAAGTATTTCAAGAAGCAG
AAGCGGCTTATCCCTGAGAGGACTGTGTGGAAGTACTTCGTGCAGCTGTGCAGCGCTGTGGAGCACATGC
ATTCCCGACGTGTGATGCACCGAGACATCAAGCCTGCCAACGTGTTTCATCACAGCTACGGGCATCGTGAA
GCTTGGTGACCTCGGCCGGCCGCTTCTTCAGCTCAGAGACCACTGCAGCCCACTCGCTAGTGGGAACA
CCATACTATATGTCACCCGAGAGGATCCACGAGAATGGCTACAACCTCAAGTCAGACATCTGGTCCCTAG
GCTGCCTGCTGTATGAGATGGCAGCTCTTCAGAGCCCCTTCTATGGAGATAAGATGAATCTTTCTCCCT
CTGCCAGAAGATTGAGCAGTGTGACTACCCGCCTCTCCCGGGGGAGCACTACTCTGAGAAGCTTCGGGAA
CTGGTCAGCATGTGCATCTACCCGACCCTAACCCAGCCTGACATTGAGTATGTGCACCAGGTGGCTA
AACAGATGCACGTCTGGACATCCAGCAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001277232
Insert Size: 942 bp



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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001277232.1</u> , <u>NP_001264161.1</u>
RefSeq Size:	2264 bp
RefSeq ORF:	942 bp
Locus ID:	360161
UniProt ID:	<u>P59895</u>
Cytogenetics:	3q12
Gene Summary:	may act as a serine/threonine protein kinase [RGD, Feb 2006] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.