

Product datasheet for **RN215322**

Nek6 (NM_182953) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nek6 (NM_182953) 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: >RN215322 representing NM_182953
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGGACAGCCAGCCACATGCCTCATGGAGGGAGCCAAACCACCTCTGCCACGTGCTGGGGCCTG
CACACCCCTCCGGACCCACAGAGGCACCCAAACACCCTGTCTTTTCGCTGCTCACTGGCAGACTTCCAAAT
CGAGAAGAAGATTGGCCGAGGACAGTTCAGTGAGGTCTACAAAGCCACCTGCCTGCTGGACAGGAAGACA
GTGGCTCTGAAGAAGGTGCAGATTTTGTAGATGATGGATGCCAAAGCCAGACAGGACTGTGTCAAAGAAA
TTGGTCTCCTAAAGCAACTGAACCATCCAACATCATTAAGTACCTGGACTCCTTCATCGAAGACAATGA
GCTGAACATTGTGCTGGAGTTGGCTGACGCAGGTGACCTCTCACAGATGATCAAGTATTTCAAGAAGCAG
AAGCGGCTTATCCCTGAGAGGACTGTGTGGAAGTACTTCGTGCAGCTGTGCAGCGCTGTGGAGCACATGC
ATTCCCGACGTGTGATGCACCGAGACATCAAGCCTGCCAACGTGTTTCATCACAGCTACGGGCATCGTGAA
GCTTGGTGACCTCGGCCGGCCGCTTCTCAGCTCAGAGACCACTGCAGCCACTCGCTAGTGGGAACA
CCATACTATATGTCACCCGAGAGGATCCACGAGAATGGCTACAACCTCAAGTCAGACATCTGGTCCCTAG
GCTGCCTGCTGTATGAGATGGCAGCTCTCAGAGCCCCTTCTATGGAGATAAGATGAATCTTTCTCCCT
CTGCCAGAAGATTGAGCAGTGTGACTACCCGCCTCTCCGGGGGAGCACTACTCTGAGAAGCTTCGGGAA
CTGGTCAGCATGTGCATCTACCCGACCCTAACCCAGCCTGACATTGAGTATGTGCACCAGGTGGCTA
AACAGATGCACGTCTGGACATCCAGCAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_182953
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).
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_182953.2</u> , <u>NP_891998.1</u>
RefSeq Size:	2316 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 (1) represents the longer transcript. 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.