

Product datasheet for **SC111489**

NEK9 (NM_033116) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NEK9 (NM_033116) Human Untagged Clone
Tag:	Tag Free
Symbol:	NEK9
Synonyms:	APUG; LCCS10; NC; NERCC; NERCC1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene ORF sequence for NM_033116 edited
ATGTCCGGTCTGGGCGAGTACGAGCGACTGCGATTCCATCAACTCGGACTTTGGGAGC
GAGTCCGGGGGTTGCGGGGACTCGAGTCCGGGGCTAGCGCCAGTCAGGGGCCGCGAGCC
GGCGGGCGCGGGCGGAGCAGGAGGAAGTGCATACATCCCCATCCGCGTCTGGGCCG
GGCGCCTTCGGGAAGCCACGCTGTACCGCCGACCGAGGATGACTCACTGGTTGTGTGG
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AATACCACGCTGCTGATTGAGCTGGAATATTGTAATGGAGGGAACCTGTATGACAAAATC
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AACCTGTTGGGGGGACCCCTTGGTGGGAAGCAAGTGTATCAGGGTCTCCTGCGGTGATGAG
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GGGATGCATTCCAAGGAACTCAGACAGCAAAGGAAGAGATGGAATGGATCCAAGCCT
GACTTAGATTGAGATTCTGGTGCCTCCTGGGAACAGACTCCTGTAGACCCAGCCTCTAG
    
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_033116 unedited CGGCACCAGGACGGATCCGCGGGCCGGCATCTGAAGCGAGCGGGACGCGCGGCCAGG GCCTCCGGGCATACGCAGGCTGGTCCCCAAGGCCCGCGGCCGCCATGTCGGTGCTGG GCGAGTACGAGCGACACTGCGATTCCATCAACTCGGACTTTGGGAGCGAGTCCGGGGGTT GCGGGGACTCGAGTCCGGGGCCTAGCGCCAGTCAGGGGCCGCGAGCCGGCGGGCGCGG CGGAGCAGGAGGAAC TGC ACTACATCCCCATCCGCGTCTGGGCCGCGGCCCTTCGGGG AAGCCACGCTGTACCGCCGACCCGAGGATGACTCACTGGTTGTGTGGAAGGAAGTCGATT TGACCCGGCTGTCTGAGAAGGAACGTCGTGATGCCTTGAATGAGATTGTTATTCTGGCAC TGCTGCAGCATGACAACATTATTGCCTACTACAATCACTTCATGGACAATACCACGCTGC TGATTGAGCTGGAATATTGTAATGGAGGGAACCTGTATGACANAATCCTTCGTCAGAAGG ACAAGTTGTTTGAGGAAGAGATGGTGGTGGTACCTATTTTCAGATTGTTTCAGCAGTGA GCTGCATCCATAAAGCTGGAATCCTTCATAGAGATATAAAGACATTNAATATTTTTCTGA CCAAGGGCAACCTGATAAACTGGNNAGATATGGCCTAGCANAGAACTTAATTCTGAGT ATTCCATGGCTGAGACGCTTGTGGGAACCCATATACATGTCTCAGAGCTCTGTCAAGAGT AAGT
Restriction Sites:	NotI-NotI
ACCN:	NM_033116
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:	NM_033116.3 , NP_149107.3
RefSeq Size:	3244 bp
RefSeq ORF:	2940 bp
Locus ID:	91754
UniProt ID:	Q8TD19
Cytogenetics:	14q24.3
Domains:	RCC1, pkinase, TyrKc, S_TKc
Protein Families:	Druggable Genome, Protein Kinase

Gene Summary:

This gene encodes a member of the NimA (never in mitosis A) family of serine/threonine protein kinases. The encoded protein is activated in mitosis and, in turn, activates other family members during mitosis. This protein also mediates cellular processes that are essential for interphase progression. [provided by RefSeq, Jul 2016]