OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC214967

NEK6 (NM_001166169) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NEK6 (NM_001166169) Human 3' UTR Clone
Symbol:	NEK6
Synonyms:	SID6-1512
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001166169
Insert Size:	2000 bp

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Insert Sequence:

>SC214967 3'UTR clone of NM_001166169
The sequence shown below is from the reference sequence of NM_001166169. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGATGCACATCTGGATGTCCAGCACCTGAGCGTGGATGCACCGTGCCTTATCAAAGCCAGCACCACTT
TGCCTTACTTGAGTCGTCTTCTCTTCGAGTGGCCACCTGGTAGCCTAGAACAGCTAAGACCACAGGGTT
CAGCAGGTTCCCCAAAAGGCTGCCCAGCCTTACAGCAGATGCTGAAGGCAGAGCAGCTGAGGGAGGGGC
GCTGGCCACATGTCACTGATGGTCAGATTCCAAAGTCCTTTCTTTATACTGTTGTGGACAATCTCAGCT
GGGTCAATAAGGGCAGGTGGTTCAGCGAGCCACGGCAGCCCCCTGTATCTGGATTGTAATGTGAATCTT
TAGGGTAATTCCTCCAGTGACCTGTCAAGGCTTATGCTAACAGGAGACTTGCAGGAGACCGTGTGATTT
GTGTAGTGAGCCTTTGAAAATGGTTAGTACCGGGTTCAGTTTAGTTCTTAGTATCTTTTCAATCAAGCT
GTGTGCTTAATTTACTCTGTTGTAAAGGGATAAAGTGGAAATCATTTTTTTCCGTGGAGTGGTGATTCT
GCTAACATTTTTATCTACGTTTTATAACTTGGTGAGTGACGATGAGAGCCCTGCACCTGGCCAGAGTGT
CACAGGCAAAAGGCATCGGGAAGCAGGAGCATCTTCTTGGCAGCCAGGCTGGGCCATCTTCTCCTGGAC
ACCTGCTGTGTACCAGGAACTTCGTCACCTCCTTGAATGCTGGCGGTTCATTTCATGATCAGTGTTAAG
CATTTTCCTCCATGGGAAGGAAGCATGGGATATAGAAAAGCGAAGGGCTGTCCTTTACAAATTCTGGTT
CTGCAACTTCCTAGCGTGACTTTGGGCTTGGGCAAGTTTCTTAGCCGTTCTGAGCCTTCATTTCCTCAT
CTGTACAATGAGATTAATAGTACCTATCATCTACCTTCAGGATTGCTGACAGACAGAATTTGAAATAAA
ATATGCAAGTTAGCTAATACAAAAAGTAGATGATCCAAAAATGGTAGCCACTCACCCTTCACAAACTGA
AGTCCATGGACCACGGAAGTCGAGAATTAATGTACACCTGTATCATGTGTAGGAAACCAGAAATGTGTT
CCTTATTTCTTGTTCCCAAACAGGATTAACTGTGAAGACTAATTTATAAATGTGAACCTAAGAAAACTC
CACCTCTGAAGGAAATCATTTGAATTTTGTTTTTGTACGTAAAGTTAACCTTCCAATTGTCTGAGCTGT
CGTCACTGACTTCATGACAGTCTGGCCCTCCAGACAAGAGCAGCGCTGGCATCGGGCAGGTGATTCCTG
ACACCTGCTGCCTGCAGGCATTCACTGACCAGGCCTTTCCTGGAGGAAACACCCAGGGCCGGGCGGCTG
CTGTTTCCACACGTGGACTCGGATCTGCTGTGACACCGTCAGCCCGACAGTCTCTCCATATGCAGCCTT
TCCTCTGTACTTTTCTCCATGGTTGAAATAAAACAGGGTGACTGGGAGTTACTTAGAATTCATGAAGAT
TTTAAAATGGCTTTGGAGATTTTGCTTTTAAACCAGTAGATTCAAAACTTAAACAGCGTCTGCAGCACA
ATTTCTTGAGGAACCTTGAAAAACACAACTTCCCAGGCCCCATTCAGTAATCCCAGGATTTCTTTAAGC
TCCCCAAATAATTTTGAAACTCATCATCAGCCGAGTTTCTGCCCTCATGAGGTAATTCCATCGTTCTCC
CCAGCCTGCCCCTGGCAGCTGTAACACAGGAGCTGGCCTGAGAGCAGATTCACCCTGGAATGTTCTCTC
CACAGAACAATCAAGTCCCTGTCGCCTGCCTAGTGCTTACCACTGAAGATTTTTCTGATTCCAGACCAA
CTTTTTGCCAACATTCTGCTTCCAGCTCTCTGAGCCCCTGCCGTGTCTCCCCAACACTGCCAGCCCCAG
CACGCAATCAACCTACTTTGTGCATGCCACCCGCTTTCCACACTGTGAGAACAATCTGCCCAACTGGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: NM_001166169.2

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Summary:	The protein encoded by this gene is a kinase required for progression through the metaphase portion of mitosis. Inhibition of the encoded protein can lead to apoptosis. This protein also can enhance tumorigenesis by suppressing tumor cell senescence. Several transcript variants encoding a few different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]
Locus ID:	10783
MW:	74.4

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