

Product datasheet for **SC208434**

NEK2 (NM_002497) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NEK2 (NM_002497) Human 3' UTR Clone
Symbol:	NEK2
Synonyms:	HsPK21; NEK2A; NLK1; PPP1R111; RP67
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002497
Insert Size:	684 bp
Insert Sequence:	>SC208434 3'UTR clone of NM_002497 The sequence shown below is from the reference sequence of NM_002497. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAAAGCAGACAGATCCTGGGCATGCGCTAGCCAGGTAGAGAGACACAGAGCTGTGTACAGGATGTAATA
TTACCAACCTTTAAAGACTGATATTCAAATGCTGTAGTGTGAATACTTGGTTCCATGAGCCATGCCTT
TCTGTATAGTACACATGATATTTTCGGAATTGGTTTTACTGTTCTTCAGCAACTATTGTACAAAATGTTT
ACATTTAATTTTTCTTTCTTTTAAAGAACATATTATAAAAAGAATACTTTCTTGGTTGGGCTTTTAA
TCCTGTGTGTGATTACTAGTAGGAACATGAGATGTGACATTCTAAATCTTGGGAGAAAAATAATGTTA
GGAAAAAATATTTATGCAGGAAGAGTAGCACTCACTGAATAGTTTTAAATGACTGAGTGGTATGCTTA
CAATTGTCATGTCTAGATTTAAATTTTAAAGTCTGAGATTTAAATGTTTTGAGCTTAGAAAACCCAGT
TAGATGCAATTTGGTCATTAATACCATGACATCTTGCTTATAAATATTCCATTGCTCTGTAGTTCAAAT
CTGTTAGCTTTGTGAAAATTCATCACTGTGATGTTTGTATTCTTTTTTTTTTCTGTTTAAACAGAATAT
GAGCTGTCTGTCAATTTACCTACTTCTTTCCCACTAAATAAAAGAATTCTTCAGTTTCCCTGTA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites:	Sgfl-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).



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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:	<u>NM_002497.4</u>
Summary:	This gene encodes a serine/threonine-protein kinase that is involved in mitotic regulation. This protein is localized to the centrosome, and undetectable during G1 phase, but accumulates progressively throughout the S phase, reaching maximal levels in late G2 phase. Alternatively spliced transcript variants encoding different isoforms with distinct C-termini have been noted for this gene. [provided by RefSeq, Feb 2011]
Locus ID:	4751
MW:	26.7