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Product datasheet for SC206730

NEK3 (NM_152720) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NEK3 (NM_152720) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NEK3
Synonyms:	HSPK36
ACCN:	NM_152720
Insert Size:	525 bp
Insert Sequence:	>SC206730 3'UTR clone of NM_152720 The sequence shown below is from the reference sequence of NM_152720. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCTGGATGGCAAGGCCTGTGCGACAGATAATGCCTGAGGAAATGTTCCTGAGTCACGCTGAGGAGAGGC TTCACTCAGGAGTTCATGCTGAGATGATCATGAGTTCATGCGACGTATATTTTCCTTTGGAAACAGAAT GAAGCAGAGGAAACTCTTAATACTTAAAATCGTTCTTGATTAGTATCGTGAGTTTGAAAAGTCTAGAAC TCCTGTAAGTTTTTGAACTCAAGGGAGAAGGTATAGTGGAATGAGTGTGAGCATCGGGCTTTGCAGTCC CATAGAACAGAAATGGGATGCTAGCGTGCCACTACCTACTTGTGTGATTGTGGGAAATTACTTAACCTC TTCAAGCCCCAATTTCCTCAACCATAAAATGAAGATAATAATGCCTACCTCAGAGGGATGCTGACCACA GACCTTTATAGCAGCCCGTATGATATTATTCACATTATGATATGTGTTTATTATTATGTGACTCTTTTT ACATTTCCTAAAGGTTTGAGAATTAAATATATTTAATTATGA 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_152720.3

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Summary: This gene encodes a member of the NimA (never in mitosis A) family of serine/threonine protein kinases. The encoded protein differs from other NimA family members in that it is not cell cycle regulated and is found primarily in the cytoplasm. The kinase is activated by prolactin stimulation, leading to phosphorylation of VAV2 guanine nucleotide exchange factor, paxillin, and activation of the RAC1 GTPase. Two functional alleles for this gene have been identified in humans. The reference genome assembly (GRCh38) represents a functional allele that is associated with the inclusion of an additional coding exon in protein-coding transcripts, compared to an alternate functional allele that lacks the exon. [provided by RefSeq, Sep 2019]

Locus ID: 4752

MW: 20.5