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Product datasheet for SC211647

NEK4 (NM_003157) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NEK4 (NM_003157) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NEK4
Synonyms:	NRK2; pp12301; STK2
ACCN:	NM_003157
Insert Size:	2000 bp

View online »

Insert Sequence:

>SC211647 3'UTR clone of NM_003157
The sequence shown below is from the reference sequence of NM_003157. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAATTTTTTGAAGAAAACATGAATTTTTGAGCATTTGTCCTAATCTGCTGCCAGAATTAAAGACCTATT
TTTAGAGGATTTTGGCTTAAAAAGCAAGGGCAAACAGTCATTTGGAAGCCACTCACCACTGTTTTATAT
CTCTTTTTTATATCTCTTTGGCGTTTCCCTACAGAAAAGAAATTGGACAGAACAGAATAATATGAAGCA
GGATCACAAAAGAAAAAAAACTTTGGCTTTCATATTCTCTTTGTGAGGACAAATCTGTTGTTTGTTTGA
TTACTGTTTACTGAGCCTTAATCCACCAAGTTTATATTTAGAATTTTATTTTTTTAAGGTACTAATTAA
CTTAAACACAGAGCTATAAAATGCTGGATTGAAAATTTTATATTGTAATGTAGAGATAAAAGCAGTAGG
AGAAACAAATGACATAATATGTCGTCATAATTCCTGCTATTGTTAATAACCTTAAGGAGTAGTTGATAA
ATTATAAAATTTTAAAAAGTCAATTCAGTTCTAGAAATAGATTTAAAGAATATGAAGTTCTATCTAGTA
CTTGAGCAGCTGTATTTCTTTTCTACACATTGATGGACTTTTAATATTTTATTCTCATTTAATATAAAC
CTCATCTAGGGTATATACAAATTAAAACTGAGACACATTGGCTTTGTAAATCAGTATGTTTTTACATAA
TGGTTTTGTTAGATTTATTTTTCCATCAGTGAAAACATTTCTTAAACACAAATTTCATTTCCATTTAAG
CAATTTGTAAGCAAAGTCCAGGTCCATTTAGTTTTTGGATATATTTAATGTTTGTCTCCTGAAGTTTGT
CTTCATGTACTGTAAGATATTAGTTGTCTTTCCATGTTTTAAATGTATGATTATATAGCACATATTTTA
TTAGTTGTTTAATAAGAGGTAATACCCATCTAGGAAAGAAATTTTATGAAGTTAAATACAAGTCTTGAA
TAGTACATTTTCACTTCTGTATTCGAGGGACTCTAAAAATAAATATTGCTCCAGAAATGTTTTCAGGTG
TTTTTTTTTTGAGACAGAGTTTCACTCTGTCAGTCAGGCTGGAGTGCAGTGGCATGATCTCAACTCACT
GCAACCTCCACTTCTGGGGCTCAAGTGGTATTCCTGCCTGAGCCTCCCTAGTAGCTGAGACCACAGGCG
TGTGCCACCACACCTGGCTAGTTTTTGTATTTTTTGTAGAGACAGGGTTACACCACATTGCCCAGGCTG
ATCTCAGAACTCCTGGGCTCAAGCAATCCACTCACCTCAGCCTCCCAAAGTGCCAGGATTACAGGAATG
AGCCACTGTGCCCAGCCCTGTTTTCAGTTTCTATAACTAAAAATATATCTATCTTTGAAAATTACACAC
ACACACAAATACTCTAATGAAATGTTCCCTTTACAGCCACTTAACAATTTTTTTTTTTTTTAAGACAC
AGTCTTGCTCTGTCACCCAGGCTGAAGTGCAGTGGCCCAATCTCAGATCACTGCAAGCTCCGCCTCCCA
GGTTCACTCCATTCTCCTACCTCATCCTCTCGAGTAGCTGGGACTACAGTTGCCCGCCACCATGCCCGG
CTAATTTTTTTGTATTTTTTTAGTAGAGACAGGGTTTCACCGTGTTAGCCAGGATGGTCTCAATCTCCT
GACCTCGTGATCTGCCCGCCTCGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCCCGGC
ACACTTAACAGATTTTTATTTAGAGTTTACTGTGTGCCAGGTTCTCTGCCAGGAGCTGGGGATATAGTG
GTGAATAAAACAATACTTCCTGCCCTTTTACAGTGCTCACAGCCTGGTTTCTGATAACTCTTATTTTCA
CTTTGAAGGGTTTGCTAGAACTCAACTTGCAAAACCATCAAGTCCCAATGCCCAGTTGGGAACAAATCT
TTGGCAAACTTGGTATCCTTGAGCTATTCACCTTTCCGTGCATGTTTTGGAAATCCACATCGTTCTGG
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_003157.6

Summary:	The protein encoded by this gene is a serine/threonine protein kinase required for normal entry into replicative senescence. The encoded protein also is involved in cell cycle arrest in response to double-stranded DNA damage. Finally, this protein plays a role in maintaining cilium integrity, and defects in this gene have been associated with ciliopathies. [provided by RefSeq, Jan 2017]
Locus ID:	6787
MW:	76.5