

Product datasheet for **SC209798**

NEK8 (NM_178170) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NEK8 (NM_178170) Human 3' UTR Clone
Symbol:	NEK8
Synonyms:	JCK; NEK12A; NPHP9; RHPD2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_178170
Insert Size:	1498 bp



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Insert Sequence: >SC209798 3'UTR clone of NM_178170
The sequence shown below is from the reference sequence of NM_178170. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
TCGGTCACAGATGAGCCGGTCCCCCAGGCACCCGGATTCACCTCTGGACCACCTGATATTGCTT
CTCCTCTGAATGCTCTGAAAAGTCAGGTGCCCAAGGCATGACTTGACAGTGTCTCTGGATTGTGTCA
TCATGGGGTATCAGGGCTGGCAAAACCCCTGCTCTGCTTTTGGCCTTGGATATGGAACCTCAACCACT
TTGTTCTCTACCACTCTTTGCCCTTCTACCCCTTCTCCCTTCAGTCAGTGTCCCCAGGGTCCAGC
CTGGCTAGAGTTAGAAGGCAGACCTAGCCTTTGGAAGCAGGGTGGCCTCCAGAGCCTTGCCATAAAAG
GCTGAAGGCAGCCGGGCGCAGTGGCTCACGCCTGTAATCCAGCACTTTGGGAGGCTGAGGCGGGCGGA
TCACGAGGTGAGGAGATCGAGACCATCTGGCTAACGTGGTGAAACCCCATCTCTACTAAAAATACAAA
AAAATTAGCTGGGCGTGGTGGCACGCGCTGTAGTCCCAGCTGCTCAGGAGGCTGAGGCAGGAGAATGG
CGTAAACCCCTCCAGCCTGGGCGACAGAACCACTCCGTCTCAAAAAAAAAAAAAAAAAACAAAAAGGC
TGAAGGCAGCTGTAGCTCCACACAGACCTACCCCTTCCCTAGCCAGTTAGAAAAATAGTCTGGGCC
GGCGGCGGTGGCTCACACCTGCATAGGCAGTGTCTTGGCCAGGAGGATCCCTTGATCCCTTGTGGCCAG
GAGTTGGGAGACCAGCCTGGGGACCATAGCGAGACCGCTGTCTCCACCAAAAAAAAAAAAAAAAAAGAAGAA
AATAAGGCTGGGTGGGTGGCTCACGCCTGTAATCCAGCACTTTGGGAGGCCAAGGCGGGCGGATCAC
TTGAGGTGAGTACTGAGGCCAGCCTGGCCAACATGGTGAAACCCGCTCTCTACTAAAAATACAAAA
TTAACCAAGCATGGTGACGGGCGCTGTAATCCAGCTACTCTGGAGGCTAAGGCAAGAGAATCCCTTG
AACCCGGGAGGTGAAGTTTGCAGTGAGCCGAGATCGCACCACTGCACTCCAGCCTGGATGACAGAGCAA
GTCTCCCTCTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGTATTGGTGCTTACCGGGACTCTATCT
CCATACTTTGGAGCAGGCAAGCCAGGGCTGCCTGGACTGGCCATTAGGCTGCCTAGCTTCTGCATA
GCCCCGGGCTGGGCGGTCCCCGGGAGTGTGCCACCTCCCTACACTTTCATCCTGAGGCAGGATTGTC
TAGACGTGCGCTTGCTCTCTTCCCCAGCAGGAGGGCAGGAGTCACTAAGTGCTGCAGAAAAGATCCGC
GCTGGAGATTGCCGTCCCCCATGCCTTCCCCAGAAACAGTTGAGAGAATGGGTAGCTGGTGGGAC
CAGACCGTTTCCAGAGGACAGGAAGGCCAATAAAAAATATCAGCTGCC
ACGCGTAAGCGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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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_178170.3](#)

Summary: This gene encodes a member of the serine/threonine protein kinase family related to NIMA (never in mitosis, gene A) of *Aspergillus nidulans*. The encoded protein may play a role in cell cycle progression from G2 to M phase. Mutations in the related mouse gene are associated with a disease phenotype that closely parallels the juvenile autosomal recessive form of polycystic kidney disease in humans. [provided by RefSeq, Jul 2008]

Locus ID: 284086

MW: 54.7