

## 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
Vector:	pMirTarget (PS100062)
Symbol:	NEK8
Synonyms:	JCK; NEK12A; NPHP9; RHPD2
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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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCGGTACAGATGAGCCGTCCTCCCTTGAAGCACCCGGATTACCTCTGGACCACCTGATATTGCTT
CTCCTCTGAATGCTCTGAAAAGTGCAGGTGCCAAGGCATGACTTGCAGCTGTCTCTGGATTGTGTCA
TCATGGGGTATCAGGGCTGGCAAACCCCTGCTCTGCTTTTGGCCTTGGATATGGAAACCTCAACCACT
TTGTTCTCTACCACCTCTTTGCCCTTCTACCCCTTCTCCCTTCAGTCAGTGTCCCAGGGTCCAGC
CTGGCTAGAGTTAGAAGGCAGACCTAGCCTTTGGAAGCAGGGTGGCTCCAGAGCCTTGCCATAAAAAG
GCTGAAGGCAGCCGGGCGCAGTGGCTCACGCCTGTAATCCAGCACTTTGGGAGGCTGAGGCGGGCGGA
TCACGAGGTGAGGAGATCGAGACCATCCTGGCTAACGTGGTGAACCCCATCTCTACTAAAAATACAAA
AAAATTAGCTGGGCGTGGTGGCAGCGCCTGTAGTCCCAGCTGCTCAGGAGGCTGAGGCAGGAGAATGG
CGTAAACCCCTCCAGCCTGGGCGACAGAACCAAGACTCCGTCTCAAAAAAAAAAAAAAAAAACAAAAAGGC
TGAAGGCAGCTGTAGCTCCACACAGACCCTACCCTTTCCCTAGCCAGTTAGAAAAAATAGTCTGGGCC
GGCGGGCGGTGGCTCACACCTGCATAGGCAGTGTCTTGGCCAGGAGGATCCCTTGATCCCTTGTGGCCAG
GAGTTGGGAGACCAGCCTGGGGACCATAGCGAGACCGCTGTCTCCACCAAAAAAAAAAAAAAAAAAGAAGAA
AATAAGGCTGGGTGCGGTGGCTCACGCCTGTAATCCAGCACTTTGGGAGGCCAAGGCGGGCGGATCAC
TTGAGGTCAGTAGACTGAGGCCAGCCTGGCCAACATGGTGAACCCCGTCTCTACTAAAAATACAAAA
TTAACCGCATGGTGACGGGCGCCTGTAATCCAGCTACTCTGGAGGCTAAGGCAAGAGAATCCCTTG
AACCCGGGAGGTGAAGTTTGCAGTGAGCCGAGATCGCACCAGTGCCTCCAGCCTGGATGACAGAGCAA
GTCTCCCTCTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGTATTTGGTGTACCGGGACTCTATCT
CCATACTTTGGAGCAGGCAAGCCAGGGCTGCCTGGACTGGCCATTAGGCTGCCTAGCTTCTGCATA
GCCCGGGCTGGGCGGTCCCGGGAGTGTGCCACCTCCCTACACTTTCATCCTGAGGCAGGATTTGC
TAGACGTGCGCTTGCCTCTTTCCCGAGCAGGAGGGCAGGAGTCACTAAGTGTGAGGAGAAAGATCCGC
GCTGGAGATTGCCGTCCTCCCATGCCTTTCCCGAGAAACAGTTGAGAGAATGGGTAGCTGGTGGGAC
CAGACCGTTTCCAGAGGACAGGAAGGCCAATAAAAAATATCAGCTGCC
ACGCGTAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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