

## Product datasheet for **SC216944**

### **WNK3 (NM\_001002838) Human 3' UTR Clone**

#### **Product data:**

|               |  |
|---------------|--|
| Product Type: | 3' UTR Clones                          |
| Product Name: | WNK3 (NM_001002838) Human 3' UTR Clone |
| Vector:       | pMirTarget (PS100062)                  |
| Symbol:       | WNK3                                   |
| Synonyms:     | PRKWNK3                                |
| ACCN:         | NM_001002838                           |
| Insert Size:  | 2000 bp                                |



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**Insert Sequence:** >SC216944 3'UTR clone of NM\_001002838  
The sequence shown below is from the reference sequence of NM\_001002838. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCTGCCACAATCCCTCCTGGTCCTAAATGAATCAGAGTAGATGGTGATAAAAAGGGAGGTTTTTTCAGA
ATTATTTTCAGGACACCAAGATATTAAGTTTCTTCTCTTGGGTTCTGTCATATTTCCCTCATTG
AGTTTACTTTAGACTATATATTTTTGTTCCAGTGTGGTATTTGATACAGCTCATCATTCTGTAGAAAT
GTGCGATTTGCAGATAGAACACTGCACACAGAAATGTTTTTCACTTCAAATTCTATCCTCTTGATAC
TTGATTTTTTAAAAACTGTTCCAGAATGCTTTAATAAGCTCAGCTTGAGCATTACCATTCCAGGACA
CTTTCATGAATTGTTGAGAAGCTCCCATCCCCGCCTTTTTTTTTTTTTTTTTTAACTGCTGCTATC
TGCAGCTGGATACTTCTTTAAAAATGTTAAAAATTATTTAGATTGATTCTCCCAAAATGGGATGA
ACTGAGACCTCCATCAGCCAGAGTCTTATGGGATCTTCACTTACATGTTTGTCTTAGGTTACCTTT
CACAGAAGGCAGGTAACCTTGCTGCAGGAAACGTTTTGGTGTATAAAATTAGAATCACTTTTTTTTTT
TTTTTGAGATGGAGTCTCTCTGTCAACCAGGTTGGAGTGCAGTGGTGTGATCTTGGCTCACTGCTGC
AACCTCCCCCTCCTGGGTTCAAGCGATTCTCTGCCTCAGCCTCCTGAGTAGCTGGGACTACAGGCGCC
AGCCACCATGCCTGGCTAATTTTTGATTTTTAGTAGAGGATGGGTTTCACTATGTTGGCCAGACTGG
TCTCAAACCTAACCTTGATCCGCCCTCTTAGCCCCCAAAAAATACAATAATTTGTCAACC
AATACAGAACATGAGCCCTTTTAAATGTGATTTCCCGTCATCACAGCAGTAGGATGAAGCCTGTTTT
GGGTGAGACAGAGGAAAGGGAAAAACAGAATTGTAACAGTTCCTTGATTCTGCAGATACTGCTGCTG
TTTTACGATTTTCAGTAATAATTCAAAGCAGCTGTCTCTTGTTCACATGCATACTACATTGGTTTT
GAGCATCTGAGAGGCATTGGTTTTGTCTTGCACTTTTTGCAAGGCATATATTGCAGCTGATGAATCT
CGTTTGGGGGAATCCTTGATTCTTAACAAGGGGATTAAAGCTACACCTCAATCCATTCTTCTGAAG
TGAAATTTACTTGACACAGTAGGTTTCGAGACTTACATATGAAACACTGGCTTTACAGGTTCTCAGAG
ATGTGGGTATACACTGCTGCTGAGTAGTAGACCTAGAAGGATACTATTTAAGTTGCTTAG
CTCTTTTTAATTACAATTTTTAGTTGTTAGAATTTCTTTTTAGTATCTATAGTATCTTAGATGATTTA
GATCTTAAATGAGTTTGGCAGCCTTTTGAATCTGAGAGAGATCACTGTCAAGTTGCACTTTACTGGG
TTTTATCCAGTTTAGGAGGAGGGGAGGCAATGTCAAAATGTACACCTTTGGTTTTAAGAAGTTAAC
TATAATAATGTTAAAGGCTAGTCACAGGTTACCTAATGCTCAGTCTGTGAAACCTAAATAGAATCTT
AAAATGTTATTTACCAACTAAGTATTCATGTTCAAATTAACCTTCCACTCTGAAGACTTTAAGGTC
ATTTCTAATACATTTACCTAATTAGGAGTTCTGTCTACTAGTAAACATTCCAAATTGCTACCCAACA
TTACTGTTAACAGATTTTCTCCGATTCTTCTAAAAATTATACCCCATGGGCTTCCAGGTAATGACG
AAAACCTAATGGGTGACTTTTTTTTTTTTTTGCACAGTCACTTTGTGACATTAAGTACCTCTTTTCC
AAAAAAAAAAAAAAAAATGTGTTTTATGTTGCTTACCTGAGGATCACATCCATTATCAAGAAGATTCTGT
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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\\_001002838.4](#)

**Summary:** This gene encodes a protein belonging to the 'with no lysine' family of serine-threonine protein kinases. These family members lack the catalytic lysine in subdomain II, and instead have a conserved lysine in subdomain I. This family member functions as a positive regulator of the transcellular Ca<sup>2+</sup> transport pathway, and it plays a role in the increase of cell survival in a caspase-3-dependent pathway. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]

**Locus ID:** 65267

**MW:** 76.6