

## Product datasheet for **SC211945**

### SGK1 (NM\_005627) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** SGK1 (NM\_005627) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** SGK1  
**Synonyms:** SGK  
**ACCN:** NM\_005627  
**Insert Size:** 1042 bp  
**Insert Sequence:** >SC211945 3'UTR clone of NM\_005627

The sequence shown below is from the reference sequence of NM\_005627. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TATGCGCCTCCCACGGACTCTTTCCTCTGAACCCTGTTAGGGCTTGGTTTTAAAGGATTTTATGTGTGT
TTCCGAATGTTTTAGTTAGCCTTTTGGTGGAGCCGCCAGCTGACAGGACATCTTACAAGAGAATTTGCA
CATCTCTGGAAGCTTAGCAATCTTATTGCACACTGTTTCGCTGGAAGCTTTTTGAAGAGCACATTCTCCT
CAGTGAGCTCATGAGTTTTTCATTTTTATTCTTCTTCCAACGTGGTGCTATCTCTGAAACGAGCGTTA
GAGTGCCGCTTAGACGGAGGCAGGAGTTTCGTTAGAAAGCGGACGCTGTTCTAAAAAGGTCTCCTGC
AGATCTGTCTGGGCTGTGATGACGAATATTATGAAATGTGCCTTTTCTGAAGAGATTGTGTTAGCTCCA
AAGCTTTTCTATCGCAGTGTTCAGTTCTTTATTTTCCCTTGTGGATATGCTGTGTGAACCGTCGTGT
GAGTGTGGTATGCCTGATCACAGATGGATTTTGTATAAGCATCAATGTGACACTGCAGGACACTACA
ACGTGGGACATTGTTTGTCTTCCATATTTGGAAGATAAATTTATGTGTAGACTTTTTTGAAGATAC
GGTTAATAACTAAAATTTATTGAAATGGTCTTGAATGACTCGTATTGAGATGCTTAAAGAAAGCATTG
CTGCTACAAATATTTCTATTTTTAGAAAGGGTTTTATGGACCAATGCCCAAGTTGTCAGTCAGAGCCG
TTGGTGTTTTTTATTGTTTTAAAATGTCACCTGTAAAATGGGCATTATTTATGTTTTTTTTTGCATTC
CTGATAATTGTATGTATTGTATAAAGAACGTCTGTACATTGGGTTATAACACTAGTATATTTAAACTTA
CAGGCTTATTTGTAATGTAAACCACATTTTAAATGTAAGTAAATTAACATGGTTATAATACGTACAATC
CTTCCCTCATCCCATCACACAACTTTTTTGTGTGTGATAAACTGATTTTGGTTTGAATAAAACCTTG
AAAAATA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_005627.4</a></u>
<b>Summary:</b>	This gene encodes a serine/threonine protein kinase that plays an important role in cellular stress response. This kinase activates certain potassium, sodium, and chloride channels, suggesting an involvement in the regulation of processes such as cell survival, neuronal excitability, and renal sodium excretion. High levels of expression of this gene may contribute to conditions such as hypertension and diabetic nephropathy. Several alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Jan 2009]
<b>Locus ID:</b>	6446
<b>MW:</b>	40.5