

## Product datasheet for **SC207502**

### **KCNN4 (NM\_002250) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** KCNN4 (NM\_002250) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** KCNN4  
**Synonyms:** DHS2; hIKCa1; hKCa4; hSK4; IK; IK1; IKCA1; KCa3.1; KCA4; SK4  
**ACCN:** NM\_002250  
**Insert Size:** 590 bp  
**Insert Sequence:** >SC207502 3'UTR clone of NM\_002250  
The sequence shown below is from the reference sequence of NM\_002250. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTTCCAGAACCCAGCCAGCAGTCCAAGTAGCTGGACCCACGAGGAGGAACCAGGCTACTTTCCCCAGTA
CTGAGGTGGTGGACATCGTCTCTGCCACTCTGACCCAGCCCTGAACAAAGCACCTCAAGTGCAAGGAC
CAAAGGGGGCCCTGGCTTGGAGTGGGTTGGCTTGCTGATGGCTGCTGGAGGGGACGCTGGCTAAAGTGG
GTAGGCCCTTGGCCACCTGAGGCCCCAGGTGGGAACATGGTCACCCCACTCTGCATACCCTCATAAA
AACACTCTCACTATGCTGCTATGGACGACCTCCAGCTCTCAGTTACAAGTGCAGGCGACTGGAGGCAGG
ACTCTGGGTCCCTGGGAAAGAGGGTACTAGGGGCCCGGATCCAGGATTCTGGGAGGCTTCAGTTACCG
CTGGCCGAGCTGAAGAACTGGGTATGAGGCTGGGGCGGGGCTGGAGGTGGCGCCCTGGTGGGACAAC
AAAGAGGACACCATTTTTCCAGAGCTGCAGAGAGCACCTGGTGGGAGGAAGAAGTGAATCACCAGC
CTCTGCTTATCTTTGAATAAATGTTAAAGCCAGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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.



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**RefSeq:** [NM\\_002250.3](#)

**Summary:** The protein encoded by this gene is part of a potentially heterotetrameric voltage-independent potassium channel that is activated by intracellular calcium. Activation is followed by membrane hyperpolarization, which promotes calcium influx. The encoded protein may be part of the predominant calcium-activated potassium channel in T-lymphocytes. This gene is similar to other KCNN family potassium channel genes, but it differs enough to possibly be considered as part of a new subfamily. [provided by RefSeq, Jul 2008]

**Locus ID:** 3783

**MW:** 21.5