

## Product datasheet for **SC217098**

### **KCNK5 (NM\_003740) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	KCNK5 (NM_003740) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	KCNK5
Synonyms:	K2p5.1; KCNK5b; TASK-2; TASK2
ACCN:	NM_003740
Insert Size:	1949 bp



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**Insert Sequence:**

>SC217098 3'UTR clone of NM\_003740

The sequence shown below is from the reference sequence of NM\_003740. 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
AACCAAGGCTAACAGCCCCAAGGGCACATGAGGCAGGGCCGGCTCCCCACCCACCTTTGATGGCCTCTT
CCCCCTCACCCTAGGGTGTCCCGAGATGACCGGGACGCCTGGCCCTGGTGGGGGGCAGCCTCGGAA
CTGGGAGTGGGGGGCCAGGGGCCTTCTAACCTTCCATCATCCTCAGCTAGATGTATGCCCGGGACAGG
GCCTCTGTTTCCAGCTGAACCATACCCTGGCTGTGGGGGCATCTGTCCTGAGCTTGGCTGGTGTATCT
CACAATGCAAAGACATGCTGGCTGGCGGGACAGGTGGGCAGGACTGACCCTGAGGAGGCCTTGCCTGCA
GGGTCTTTGTCTCACCATTTGGTGGAGTATCACACGGTCTCTGAGGTCTGGGCCTCAGCTGTTTAAAG
TTTACCGTATTACTGAGCTCGGCATTTGGAGAGGGAGCTCTGAAGTGTCTGGGGAGGTACCGCTGTGC
GTGGGTGAGGTGTTCCGTACACAGCAGGAGCAGGGCCCGCCGCATCCCAGCTGTGGGCCTGCCGG
TCAGGTGGGCACCTACTACAAACCGTAGTGGGTGGAGGCTGCTGGAGGTGGGAGTGAGGAGATGAGG
GCAGGGTCTCAAACAGTCTGACTCACAGGGCCTGGAACAAGTCTATGTGGGCCTGGGCCTGGGGT
CCTCATCTCCTTGTGGTCTACTCAGGCCAGCCAGAGCTGTGTTCCCTGTCTCAGGTCAAGCAGTG
GCAGACGCAAGGCTTTCTGTGGGCCCAAGTGGTAGGAGGGAGAGTAGCAGAGCATGGGTACTGGAA
GCCGGGACTGCTAGGGTGGTGGCCAGGGAGCTGCAAGAGTGAGGCTCAGCTCTGGCTGGTTCTGCCCT
TACCCCTCCTGCCCGCTGAGAACTGCACACCTGCCCGCTGGCCCCAGGACCTGCACTCCCAATCCTG
CTGTCTTCTCCTCCCTGTGCCCTGAACAAGGACCTCACTGCCCGCTTCCCTCCCACCAGCCCCCTT
GGCCAGGCAGGGTGAGGCCAAATTGCTTTGGCCACAATGGGTGATGGTCAGATATGTGAATCAAG
CTCCTTTCTCTAGCTAGTGTGGTGTGACAGTGTGTGCACAGTGCCTGTGTGCACACGCACACCTG
TGCACTCGTGTGTTTAAAGAAAGGAAAGATTGGGCTGGGGAGCAAAAAGATAATGTGAAACTGTTGG
TGGACTCTCTGGTGGGGTGGGCAGAATTGCTGCTACTAGAGTTCTTGGGTTCTCCATGATGTTAC
CCTGGGGCTGGCCACTGTGTCTGAATGTTTTTGTATTTTTTGTATTTTTTAAACAAACTGCTG
TTTTTATATACTGGAATCTGTTGTTGGCTTCCAGGCCAGTGGTTAAAGAGCAGGGTCCCAAGGATTGG
GAGATCTAGTGTCTGCCCTCCTGCCCTGCAACTCAATTGGGCCTTTTTCGGTGACCTCATCAAGGCCA
TGATGTCAAGGGCATGTCCCAAGCAGAGGTGGAGAAGGGGACACTGAGGTGAGCAAAAGCAGGAAGG
GGCATCCACTGCGGGTACTGGAGGCCGGCAGGAAGCAAGTCATCAGAGCCGCTCAGCTCCGTTCACT
CTCTGCCCTTCTGCCCCACTACTGTGGGGCAGTGGGGCCAGAGCCACCTCCCAACATGTGAAGACAGT
GATGGGCACGTGCCACACCCCCACTTCTAGCCGTTTGCAGAGGCCGCCACCCAGCAGGGCCTGAA
AAGGAGCAGCCTCGTATTTTTCTGTGAAATGTTTTAATGAACCATGTTGTTGCTGTTGCTGGCATC
GCGCAGCTGTATGTACATACTGGCAACGATGTCAAATGTAATTTATTTTAAACATTTTTACAATAAAAC
ATGAGGTGGACAGGCCA
ACGCGTAAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
    
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**Restriction Sites:**

Sgfl-Mlul

**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\\_003740.4](#)

**Summary:** This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. The message for this gene is mainly expressed in the cortical distal tubules and collecting ducts of the kidney. The protein is highly sensitive to external pH and this, in combination with its expression pattern, suggests it may play an important role in renal potassium transport. [provided by RefSeq, Jul 2008]

**Locus ID:** 8645

**MW:** 69.2