

Product datasheet for **SC216276**

KCNC4 (NM_004978) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KCNC4 (NM_004978) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	KCNC4
Synonyms:	C1orf30; HKSHIIC; KSHIIC; KV3.4
ACCN:	NM_004978
Insert Size:	1765 bp



[View online »](#)

Insert Sequence: >SC216276 3'UTR clone of NM_004978
The sequence shown below is from the reference sequence of NM_004978. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACTGCTGGGACTCTGTTCTGCCACATGAGGAAGGGGGCTGGGCACGACATGGCATCATACTCAGGAG
CCTTCTCACCAGCTCCTTGGGACAATGGAATATCCCAGGGTGGTGACAGCAGATGGAGCTACTTGGGG
GAGAGCTCAAGTTGGTCAGGCAACAGCTGGGGTGTGGCCTGTGAGCCACAGGCCACATCAGGAACCTT
CCCCACTGCCTCCATGCAAGGCTGCAGAGCTATGGTCCCTTTCTCCACTGCACTGGAGCTTTGAAGACC
TAAGAGGCTAGTGGTTCCTGGAGCTAGTGGTTACCTGAACAGGTATGGCGATGAGCTACAACATCACCT
GAGTCACCAGAGTTGGTTGGCAGAGGGGTGAAGGGTTCACCCCATCCCTGACCCATCCATGCTCTTC
CTGGCCTTTTAGCCCTGGGTTCCCTCATGCCTCCAGCTCTGCTCCTGGTCTACTCCTTAGCCACACCC
TGTGGGTGAGCAGCTGGCTTCTTAAGTCTCATTCTTTGTTTCTCCCTTTCTTTTGGTGAACCTCC
TGTCACCCCAACCCAGAAAGCAATGTTGAGCCGAAAGCGTGCGTCCAGTGTCTCACACCTGTGCTCT
TTAAACACAGAGACCTGCCAAGACGCCCTCTCGTCCAACATATGCCCAGGCTGAAGTCTCACCTCTCT
TAAAGCGGCACCAACGTGAGAGAGACAGGCAGACAGACAGAAAGCCAGAGGCTTAGGGAACTCTGGAA
CCCAGACAAGAATCTTTTCGCTGGGAAAGACTCAGATATCCTTGTGTTGCACAGGACTGGTGGAAATCT
CCCATGCGACCCCTCGGGGCCAGAGCCATCTGGGTCTGATGTTCTGTTCCATTGTACATCGAAGAGATA
TATATGCACATAGTATCTATATTCATACATATTATACTCTTGTGTGTAGTGCACGTGCTATTGGTGG
TTTGTCTCTTTGTTAGGCTGTGCTCCCTAAGCCCTTGCCCCACCCAGAGTTCCCGTCCCTTCACT
GATTTCTGTTGTTCTGCTGACTGTGTTGGTGAATGTCCAAGAAAAGTGCATCTGGGAATTGCCAGT
CCAGCTGGGTAGTCCCAGGCTCCTGTCTTGGGGATGTTTCCCTGTCAGCAAGTAACCTGGTGAAGTCT
ATTGAAGGCCAGACTGCCCCCTAGGGTCACTGCTTCACTAGCCGACCCACCCAGATTGGGGTCTA
CCTCCCACCCACATCCTCGTTGTGGGGGACTTCCAGGGCTCCTCTGCAGCCTCCTCCACTACTTCC
TCCACCCATCTATGCTTGTAGTGGGGCATTTTGTCTTTTATGATTTGATTTGTTCTCTCTC
CTTTGTCTGTTTGTGTCAAAGATGCTGCTGGGCAGACAGGCAGGAAAGGATCTGTCTGCCATCTGG
CCCAGGGGTCCGAGAAGGAAGCCTTGGGCAAGAGGAGACCAGTTGCAATACTGTACTTCTGGTCTAG
TGGCCAGAGGATGCGTGAATAGCAGAGGCCAGGTGACCCCTTCAAGCTTGGCCTCTGCCCTCCCTTG
GCCCTCCCTCCCTGCTCCTCCCTGGTGTGGTCTAGTCTTTTCTAAAGCTGTCCCTCGTGTGTCTG
GGGCATGCCAGGCTGGGCCCTGTGCCCTGTGTCATGCCTCAACTGTCATGCTGTGCTCGAGCCCA
ATAAAGACATCTGGAGCATCCTGCTGCTCCTGCTGTGTGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
```

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_004978.6](#)

Summary:

The Shaker gene family of Drosophila encodes components of voltage-gated potassium channels and is comprised of four subfamilies. Based on sequence similarity, this gene is similar to the Shaw subfamily. The protein encoded by this gene belongs to the delayed rectifier class of channel proteins and is an integral membrane protein that mediates the voltage-dependent potassium ion permeability of excitable membranes. It generates atypical voltage-dependent transient current that may be important for neuronal excitability. Multiple transcript variants have been found for this gene. [provided by RefSeq, Jul 2010]

Locus ID:

3749

MW:

64