

Product datasheet for **SC217170**

KCNK2 (NM_014217) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KCNK2 (NM_014217) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	KCNK2
Synonyms:	hTREK-1c; hTREK-1e; K2p2.1; TPKC1; TREK; TREK-1; TREK1
ACCN:	NM_014217
Insert Size:	1975 bp



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Insert Sequence: >SC217170 3'UTR clone of NM_014217
The sequence shown below is from the reference sequence of NM_014217. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GAGATTGCTGTGATTGAGAACATCAAAATAGCCCTCTTTAAATAACCTTAGGCATAGCCATAGGTGAG
GACTTCTCTATGCTCTTTATGACTGTTGCTGGTAGCATTTTTTAAATTGTGCATGAGCTCAAAGGGGA
ACAAAATAGATACACCCATCATGGTCATCTATCATCAAGAGAATTTGGAATTCTGAGCCAGCACTTTCT
TTCTGATGATGCTTGTGAACGGTCCACTTTCTTTGATGAGTGAATGACAAGCAATGTCTGATGCCTT
TTTGTGCCAGACTGTTTTCTCTCTTTCCCTAATGTGCCATAAGGCCTCAGAATGAATGAGAATTG
TTTCTGGTAAACAATGTAGCTTTGAGGGATCAGTTCTTAACTTTTCAGGGTCTACCTAACTGAGCCTAGA
TATGGACCATTTATGGATGACAACAATTTTTTTTTGTAATGACAAGAAATCTTATGCAGCCTTTTA
CCTAAGAAATTTCTGTCAAGTGCCTTATCTTATGAAGAAACAGAACCTCTCTAGCTAATGTGTGGTTTC
TCCTTCCCTGCCCCACCCCTAGGCTCAGCTCTGCAAGTCTTTACCCAGTTCTCCCATTTGAATACCA
TACCTTGTCTGGAAACAGTGTGTAATAATGACTGAAGTGTGATGATGCCCGAAGATGAAATAGATGCCAATT
AGATGGACATTGAAGCAACTCAGCGTTGCCTAGCGTTAAAGGCACTGCAGAGAAATGAGGTGCAGAG
GTGGCCCTCTGAGTATTTATTTGACTCAGGTACCAGTGGTACATATACAGTGAATTTATGACCAGG
CTGGTAAAATGGCTGCTCGCAAACAATCCCTTTTTCTGGCAGTATTTGGAATTTATCATTTATTA
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GTTGGGTGACTTTTGCCAGATGAGAGGAGTGGCACAGTGGTGTGATGCAGGGCACAGTCTAGCCTTCT
GTGGGTATACTTTGGAGTTGTGACTTGGCTGTGAGGGCAGAAGTTGAAGTTGGGATCACTGTGACTTT
GCACATGGAAAAATGCAGATTGCAGGCATAATTCATCTCTGACATTAGAGAAAAAGCTGTATAGCACA
ATTTAAATTTGAGAGTTTGTGTGTTTTTTTTCACATAAAAAGAGGCTGATTATCTTTTTAGTTTAA
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TGCTACCTTTCTTTATTTTCATACTTAGATCTGCTGTACATTGTATATATATAATTTTTAAAATG
CAGAAAGAAAATAATTTCCCTAAATATAATTGCAAACTGATTTCTTTACTTTTTGTGTGTGGGGTG
GGAGCTGTATCTGAATAAGTGGCATTAGATTAGGGTCTTGAAAAATAAACCCAGAAATCTTTAAAAGAA
GCAAAATAAATAAGTACGCTTATTTCCAAAATTTAAATTTAAGCTAGAAATGTAATATTCAATTA
TTTGTTAAAAGTACTTTTATAAAGTTAAAAAAAATCCAACCAAAATTTTAGAAAAGTCAAGGCTCTTTAG
AAAGAAAGCTACACCCATTTCTCAAATAACTGTTCCGAAAATTTATATGGTGAATGCGCCATGTATA
AACTGTGAATTGTATTGACAAATAAAGTTTGAATTAAGTCA
ACGCGT AAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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_014217.4](#)

Summary: This gene encodes one of the members of the two-pore-domain background potassium channel protein family. This type of potassium channel is formed by two homodimers that create a channel that leaks potassium out of the cell to control resting membrane potential. The channel can be opened, however, by certain anesthetics, membrane stretching, intracellular acidosis, and heat. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Locus ID: 3776

MW: 75.9