

Product datasheet for **SC206583**

KCNS3 (NM_002252) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: KCNS3 (NM_002252) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: KCNS3
Synonyms: KV9.3
ACCN: NM_002252
Insert Size: 504 bp
Insert Sequence: >SC206583 3'UTR clone of NM_002252
The sequence shown below is from the reference sequence of NM_002252. 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
ACCTCCTTGGAGAATTGCACAGCAAAATGAGCGGGGTGTTTGTGCCTGTTTCTCTTATCCTTTCCCGA
CATTAGGTTAACACAGCTTTATAAACCTCAGTGGGTTTCGTTAAATCATTAAATTCTCAGGGTGTACCT
TTCAGCCATAGTTGGACATTCATTGCTGAATTCTGAAATGATAGAATTGTCTTTATTTTTCTCTGTGAG
GTCAATTAATGCCTTGTCTGAAATTTATTTTTACAAGAGAGAGTTGTGATATAGTTTGAATATAA
GATAAATGGTATTGGGTGGGTTTGTGGCTACAGCTTATGCATCATTCTGTGTTGTCACTTACTCACA
TTGAGCTAACTTTAAATTAAGTACAAGTAAAGGAGTAAAGGAGTAAAGGAGTAAAGGAGTAAAGGAGTAAAG
ATCCACAAAATGAGACAATGCATGTAATCCATGCTCATGTTCTAAACATGGAACTAGGAGCCTAATA
AACTTCCTAATTCAGTATGGA
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.

RefSeq: [NM_002252.5](#)



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Summary:

Voltage-gated potassium channels form the largest and most diversified class of ion channels and are present in both excitable and nonexcitable cells. Their main functions are associated with the regulation of the resting membrane potential and the control of the shape and frequency of action potentials. The alpha subunits are of 2 types: those that are functional by themselves and those that are electrically silent but capable of modulating the activity of specific functional alpha subunits. The protein encoded by this gene is not functional by itself but can form heteromultimers with member 1 and with member 2 (and possibly other members) of the Shab-related subfamily of potassium voltage-gated channel proteins. This gene belongs to the S subfamily of the potassium channel family. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Sep 2013]

Locus ID:

3790

MW:

19.3