

Product datasheet for **SC214572**

KCNS2 (NM_020697) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KCNS2 (NM_020697) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	KCNS2
Synonyms:	KV9.2
ACCN:	NM_020697
Insert Size:	2000 bp



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Insert Sequence:

>SC214572 3'UTR clone of NM_020697

The sequence shown below is from the reference sequence of NM_020697. 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
GAACTCAGTTTAAATGATTCCCTACGTAGCCGGGAGGACTTGTACCCTCCACCCACATTGCTGAGC
TGCTCTTGTGCCTCTGGCACAGCCAGGCACCTTATGGTTATGGTGTAAGGAGTATGCCAGCCCTG
AGGGGAGAGATGCATGGGATATGCACCCAGGTTTCTTTTACAGTTTTTAGAATCGTTTTTAGAGGGTGG
TGTGTCTGACACCATGCCTTTGCACCTTCCATGAAATGACACTCACTGGTCTTTGCATCGTGGGCATA
AAATGTTACCTTTTGGCAGATGAGTACACCCAGAATGCTAATTTTTCTGTCCATCGTGTACGCTATT
CTAGTGCTTGTGGCCAGTACTGTCTATGAGTTGTCGTGCTCCTGTTTCTGAGGTTGTCGTGTGAGTTC
TGTACAAAAGCCCCACAAGTCGTCCAGTAGAAATGCATCTATGAGGTCAGCAAGGATATGATGAGAT
TTTGCTCACAGTCATGTGAAAACAAAATCTCAGCTCTTTATCCATTGCTTTCACCTTAGTTTTAGTACCA
AAACAAAGAGAATGCAAAGTTAAGCAGACTTGACCAATGCAAGTCTCTAAGTTGTTTTATAAATGATC
TGTAGTCCCGTGGCTTGCATGGGTGCACCAATCATCTTTAGAACGATGTACACTGATGTTTCATCTATA
AATGTCACTCTTTAGAGAATGTTACTTAGTTAAACATGCAGTGAAGATCGAATTTTTTCCCAAGAACA
GATGTGTTAGGGAGAGGGGCTTCAGCTAAATAGTCCAAACCTAGGGTGCCTAAAGCCAAGTTAGTGCA
GGCTGAGCCCCTTGGTTCACAGTCAAGCCTCCTTGTTCCTAGGGTGACTGTAGAGAAATGATTTCCG
GATGAGGTTTCTGATCTAGGCCATTTGACCAAACCTTGTGTGTCTAAGATATTAGCATGTTTTTGGAA
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GTATCGTCTCCCTGAGGTGAACGTTGTTGGGTTGCTAGCAAGGGCAGTAGCTTAAATACTTTTGTGGC
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TAGGATATAGTATGTTGTATATGATGCTGTGATTGCCCTGGAGTTCCTGCCATGACATGGAACCTGGT
GGTATGGAAGCATGTACTCAAAATATAGACGTGCACGATGGTGGTGTGGCTTACCCAGGATGAAACAC
TGCAGTCTTACTTGCATTCCCCTGCCTTTCATGGGGGGTACTGGGTAGAGGCCAGGAGAAAGGAAA
GAGTTGTAATAAAAACTGCTAGTTCATAAAATGTCATAAAAAATGTAACCTGAAAAGCTTAATG
CTATTCAAAAGACCTTCAAGCTTCAAACCTGTATTGAAGGGAGACGACTGTTTCTCTCCAAAATGC
TCCTGCTCCTTGTTCGGTTAACCAGCACATAACATTGTGATGGGGAACCTGGGTTCTCTATAAGAT
AATTCTTCTCCATCATCTTTAAGGTAATCTGATGGTTTTCCAGGTGGCTTTCATTATTGTTCCATCTTT
GAAAAGGCAATAGAACCCAGGGTCTGAGCATGGAGCTATCCAGGGTTTTTCATCCAAAGGTTGGGCCTC
TTCTTAAGAGGTCTTTTTGTGTTTCAAGTTGATTGAAGATGATACTTACCTCATTGGAGGTGTGGCAAGG
ATCTTATCAGAAGGCTTTGTGTTCTGTAGTTGTATGGCTACTACAGTGTGGGTGATTTATTGAATGA
ATTCACAGCCACTTGTGTCTGGAGCCCCAGTTCAAATCTTTCCATTGGACTGGAGGCTTGTGGGAG
GCTGGGAGGTGGCTGTCTCTAGTGTCTACATCCGTGTCTCTGAAGCATCAGGAAAAGTGAGATGACT
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_020697.4](#)

Summary: Potassium channel subunit that does not form functional channels by itself. Can form functional heterotetrameric channels with KCNB1 and KCNB2; modulates the delayed rectifier voltage-gated potassium channel activation and deactivation rates of KCNB1 and KCNB2. [UniProtKB/Swiss-Prot Function]

Locus ID: 3788

MW: 74.8