

Product datasheet for **SC212403**

KCNV1 (NM_014379) Human 3' UTR Clone

Product data:

| | |
|---------------|--------------------------------------|
| Product Type: | 3' UTR Clones |
| Product Name: | KCNV1 (NM_014379) Human 3' UTR Clone |
| Vector: | pMirTarget (PS100062) |
| Symbol: | KCNV1 |
| Synonyms: | HNKA; KCNB3; KV2.3; KV8.1 |
| ACCN: | NM_014379 |
| Insert Size: | 2000 bp |



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Insert Sequence:

>SC212403 3'UTR clone of NM_014379

The sequence shown below is from the reference sequence of NM_014379. 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
AGCAGCGGGGAGATGATTTCTGGTTTGAATTAATTTTCAATTTATTTACAAAAGCTATGTACAATTA
ACTAAAATGATAAAGCAGTGATGTGGATTTCTGTATTCTGATGATGAGTCTCTTCAGAGTACTGCTCAT
CTTAATTAATTTTGTGATATATTGCTTCATCTACTAGAATATTTACATCACCTATAACAAGTGCAC
AGTGTCTGACACATTTGAGTGTCCAAAATAGCCAATTAACACAACCAAAATACAAGTGGGCAATATAA
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GAAAGATAAGTAAATATTAAGAACATATTGAACAACCTTGTATTTAAAGATATTATCCAAGTACATA
AATTACTCGTCTCTATCAGTTAAAGCTATTGAATATAATACTTAGCTTTACAAGAGAAAACCCATAT
TTGATGGCAGAGATTATATCCCTATCTCTTTTTCATGTAAACCACTGGTCACAATGAACTGATCTC
TGTATCCCATTTACTATAAGAGGTGGGAATCCCAAACTGCTTAGATTGCAGTACATGAGTCTACAC
AAAGACTTCAACAATTGCACATCTTCATTTCCCAACTGAGTGTAGTATGTGGAGCATAAAAACAGCATA
TTTCTTAGTATTTATGAATATCAGATGGTCTTTAAATGTCTCTTTATGGATGATTGTTTACATTTATG
GCTTTAAAATAATGAATATGAAAAGTGAGGTAGTGAACATCCTAAATTTCTACTGGAATTTACTAAA
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TTGTTAACAAAAAATACTATGGACAGCTTTCTGATTGTTGGGGTAAATAGCAAATGTTCAAACCTTTGC
AGGCATTTTGCATTCATCATAACAACAATTCCTAGACATTGATTATATAATTAAGCCAAAACCT
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AGGAATGCATCACTTTAATACCTACATTTCCAATATAATAGAGCCCAAGGGGAAGAAAATTTGGTTCT
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TAAGAAATAAACATTGAGGACTGCTTTAATATATAGCTATAAGGTATTTTATAAAGTCTATTTAAGACA
TCATATTATGCTATGCACTACCAAGAAAGAAAGATGCCAGTCAATTGTAAGATGCCATTAAGTAAAA
TGCATCCGGATTTAGATATGAAAAATTTAAAATAAGCACCTTAAAATCAATGAAATATCGCATGTAC
TACCTCCTGTTTTCTGGTATGCATGGTTAAGCTCTGAAAACATTTTCACTGATGGCATGAGTTTTAGAT
TGTGTGCTAAAGTACTTTAATTCATTTAACTGTTTCCACTTCTCCTAAATATTATAAAGGTTCCAGGA
GATATGAATATTAGTAAGATAAATATTTTACTTCTTACACACATACATGGGTGCTAGATTGTGGCACAG
GGCCACTAGTCATAGTATAAATCCCTTCCACAATCTGAAGGGAAAGTAGAAGTTAGACACAGAAGGTAA
ACTTACTCCAGCTTTTCTAGAATTTCCCTAATAAGAATAGTTACTCTGATCCAGGACTATGCTCTGTA
TTCATCATGTATTATGCCATTTATCCTCAAAATATCCCTATTATATAATTAATTAATTAATTAATTAAT
ACGCGTAAAGCGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
    
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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_014379.4](#)

Summary: Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a member of the potassium voltage-gated channel subfamily V. This protein is essentially present in the brain, and its role might be to inhibit the function of a particular class of outward rectifier potassium channel types. [provided by RefSeq, Jul 2008]

Locus ID: 27012

MW: 78