

Product datasheet for **SC206726**

Kv1.4 (KCNA4) (NM_002233) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Kv1.4 (KCNA4) (NM_002233) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: KCNA4
Synonyms: HBK4; HK1; HPCN2; HUKII; KCNA4L; KCNA8; KV1.4; MCIDDS; PCN2
ACCN: NM_002233
Insert Size: 1017 bp
Insert Sequence: >SC206726 3'UTR clone of NM_002233
The sequence shown below is from the reference sequence of NM_002233. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AATGCAAAGGCTGTGGAGACTGATGTGTGAATCTTTTTCCACCTGCCACTGCTCCCCCTCAGCATCTC
CAAATATATTTATGCATAGAGAGTGCAGTTATGAAAATGAAATATGCAAATGATCCAATGCATACAGTA
GTACACTATTTAATGGTTATACATGGCATAATTGTTACTAACTTGTATTACATACAAATAAATGATA
CATCTTGAGAAGAGGGAGGAATAGGAGCAAATCTATCTTTATATTTTTATTAGAATGCAAGAATTTTG
CACATTAAGTGGAAAAGATGTTAACAGTAAAGATGGAGAGAGAGAGTGTGTGCGTGTGTGTATATGT
GTGTGTGTGGAAGTAAATTGTCAATGTTAGTAATTGTGCAGTGAAGGGAAAAGTTGGCATTTTGAAGT
ATTTACTATGTAAGAATAATGAATCTGAGCAGTCATTTATCAGTGCTTTAACAGCATATCGTATGTCT
TTGGATTCTGTAGTTGTTTTTAAAAATTGTAAGAAATACTGTGTAGAGAAAAAGAAAGTAAATTTATT
TAATAGACTATAGGTCACAATTTTATCTTGGATTTAATTTAAATTTATTTTTAACTGGAAATTAACCTTT
TAAAAAGGCTGCAAGGGCTTTAGAAAATTGATTATATTTTGTATTAAATTTGGGAAGACTTAACAGCA
AATGTCTAACATTATAGAATAAGTGAAATTGGAGAATATGTAATAAGTTTTGTTTGCAGGTAACAGGAC
TGGATTTTTTTTTCTTTGCACTACTTTATATGCTGGAGATTGAGAGAGACTTCAAAGTGAATGTTTA
CTAATGTAACAGTTCAATGACAATCATTGGAAGAATGATTTCTTTAGTCTATTTTATTGTTTTCTTTT
CATTGTGTGAGACTAATGATCATGCAGATAACATCACAGGATTCTCTCCTCTTTTAAAAATCTAAATAAC
TGATTGACAAAGGAATTATGAAGTAAATTTAGCAACTGAATCTTTTGAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: Sgfl-MluI



[View online »](#)

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_002233.4
Summary:	Potassium 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. Four sequence-related potassium channel genes - shaker, shaw, shab, and shal - have been identified in Drosophila, and each has been shown to have human homolog(s). This gene encodes a member of the potassium channel, voltage-gated, shaker-related subfamily. This member contains six membrane-spanning domains with a shaker-type repeat in the fourth segment. It belongs to the A-type potassium current class, the members of which may be important in the regulation of the fast repolarizing phase of action potentials in heart and thus may influence the duration of cardiac action potential.[provided by RefSeq, Mar 2011]
Locus ID:	3739
MW:	40.1