

Product datasheet for **SC217018**

KCNG3 (NM_172344) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KCNG3 (NM_172344) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	KCNG3
Synonyms:	KV6.3; KV10.1
ACCN:	NM_172344
Insert Size:	1947 bp



[View online »](#)

Insert Sequence: >SC217018 3'UTR clone of NM_172344
 The sequence shown below is from the reference sequence of NM_172344. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGGAGCCTCTCCACTGAATTCCTGAATTAATGCATTGCAAATCAATCCTTGCATACACTTCATAGAAG
ACTTTGATGCTGCTTCATATTTATGTGTTTCTTCTGCTGGGTGAGCACTGCAGTGGCATTGTCATCATCTT
GGTAGGGTAAAAATTATCCTTCCAGCCGAAGGGATAAAACAGTTTACTTGTTATGGAGTAAATAGAAT
TGAGACTGCAAAGGAAGAATAATGACTCCTAGAGTAACTTTAGGACCCGGTTTTATTTAGACTTGTTT
TCCCGTTTCTTGAATGATTACACATTTTTAAAAAATACATTATTTGAACATTTTAAACAGAAAGGTA
CTATTTCCAAATGTTTTCCATCTTATGAATTCAGAAGAAGCTTGGAACTTATAGTGTTTTTTGTGTTG
AGAGTAACATTTTCAATTTCTAAATGTTTTATAATTTCTCATATCAATGTCAGAAGTATCCTGAAACAT
ATGTCACATGCGGAACTGTTTAAACAAACTTTAAAAATTTGGCCAAAATTTAACTGTATAATGGAG
CTAGATACAAGCAAGAATAGTATTTGAAAGACTTTTCCAGCATACTTCTCAATCCTTTGCTTATTTTT
GTGCCAATTATTCACCTTATCGTGCCGCTTCATGGAAAGCTTGAGTATGTTCTCCCTTTTCCATTTTGG
TTTATCTCTTACTGTAATGACTCAAAAGGTATTTAAGAATTGACGAGAGCTTGTGTTGTTTAGCATCT
TACTGGATAATATTTGAATTCATTGCTGTTCTAGGTGATAACTGTCCTAATATTTAGATGTCCAAACA
AGAATACTTCCAACATAAAAAATTATAATAGGAATAATTTGAGATGACTCAATATTACAACCTCTTCTTC
TCTTAACCTCTCCCCAAACACTAGAGGTTTAAATAAGACTTATCAGATGAAAGGATATTTATATAGCC
TTTTAGTAGCAAAGTCATACTTACGTGTTGCTACTGGATTATCATAAAAAGGGAGAAATTAATATTA
GTACTCTTAGTTGCTGTGAGTAAAGTCAATTTAAGCCAGTAAAAGCGATGGATACATAATGATTTGA
TCTGATCTTTAACTATTGTGAATCACAGCTACACAAAACCTCTTCTTGTAGAATACTGACTAATATGC
CATGTTAATCTGGCTAGATTATTAGACTAGATAATGTAAAAGTGATGATTGTTTAGTAATAAATTTT
AGCAACAGAAATTAGAATTTTGCTTTTTCAACCAGTTACCATAAAGAAGTTAGTGTATATATAAACACA
AATAATTAGTGACAGATTCATAAAAAATTGAATGTTGTACACAGTAAATTTGTCAGAGGTAGAGAAGAC
AGGGATTGGGAAGTGGTGGGTGATGGAGGACCTGGATATATTTATCAAATAAAGGGTTACCAGAAGTGT
TCATTAAGGAATTTAGCCATCATCTAGTTCAAACCTCAACTATTACAGGTAGAAAATCAGGGCAGGA
GAGAATAAATTGTGAAGGAGTCAGGGCTAACACCTGGATCTCCAGAAACCTAGCCAGCAGGTTAATC
TTCACACATCTCTGGGTTCTGAGAAAAGCCTGGAAAAATCACACTCTTTGTCATTGTCATGCTGAGGT
AATAATAGCAAACCTGTTTTCTTCCCTTAATTTCTTTCTTAAGCTTATGTAATAGTTTGGCCATTAA
ATATCTTGCCCTATTTTCCCTATTACTGCTAGTATGCTACTTCTTACATACCCAAAAGAAATTCAGTTA
TTTATTGTATATTTATTGATTCTAATATAAATTGAAATAAATGGCATGGATTTATTTTTCTTAACAT
TTGGATTAAGCTTTGTGGTTTATGCAACAATGTGCAGATGATAGCACCTCCATATTACTAATAAAAA
TATGATAACCATCAA
ACGCGTAAAGCGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
```

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_172344.3](#)

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 channel, voltage-gated, subfamily G. This member is a gamma subunit functioning as a modulatory molecule. Alternative splicing results in two transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]

Locus ID: 170850

MW: 75.7