

Product datasheet for **SC217017**

KCNG3 (NM_133329) Human 3' UTR Clone

Product data:

| | |
|---------------|--------------------------------------|
| Product Type: | 3' UTR Clones |
| Product Name: | KCNG3 (NM_133329) Human 3' UTR Clone |
| Vector: | pMirTarget (PS100062) |
| Symbol: | KCNG3 |
| Synonyms: | KV6.3; KV10.1 |
| ACCN: | NM_133329 |
| Insert Size: | 1947 bp |



[View online »](#)

Insert Sequence: >SC217017 3'UTR clone of NM_133329
 The sequence shown below is from the reference sequence of NM_133329. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGGAGCCTCTCCACTGAATTCCTGAATTAATGCATTGCAAATCAATTCTTGCATACACTTCATAGAAG
ACTTTGATGCTGCTTCATATTTATGTGTTTCTTCTGCTGGGTGAGCACTGCAGTGGCATTGTCATCATCTT
GGTAGGGTAAAAATTATCCTTCCAGCCGAAGGGATAAAACAGTTTACTTGTTATGGAGTAAATAGAAT
TGAGACTGCAAAGGAAGAATAATGACTCCTAGAGTAACTTTAGGACCCGGTTTTATTTAGACTTGTTT
TCCCGTTTCTTGAATGATTACACATTTTTAAAAAATACATTATTTGAACATTTTAAACAGAAAGGTA
CTATTTCCAAATGTTTTCCATCTTATGAATTCAGAAGAAGCTTGGAACTTATAGTGTTTTTTTGTTG
AGAGTAACATTTTCAATTTCTAAATGTTTTATAATTTCTCATATCAATGTCAGAAGTATCCTGAAACAT
ATGTCACATGCGGAACTGTTTAAACAAACTTTAAAAATTTGGCCAAAATTTAACTGTATAATGGAG
CTAGATACAAGCAAGAATAGTATTTGAAAGACTTTTCCAGCATACTTCTCAATCTTTGCTTTATTTTT
GTGCCAATTATTCACCTTATCGTGCCGCTTCATGGAAGCTTGAGTATGTTCTCCCTTTTCCATTTTGG
TTTATCTCTTACTGTAATGACTCAAAAGGTATTTAAGAATTGACGAGAGCTTGTGTTGTTAGCATCT
TACTGGATAATATTTGAATTCATTGCTGTTCTAGGTGATAACTGTCCTAATATTTAGATGTCCAAACA
AGAATACTTCCAACATAAAAAATTATAATAGGAATAATTTGAGATGACTCAATATTACAACCTCTTCTTC
TCTTAACCTCTCCCCAAACACTAGAGGTTTAAATAAGACTTATCAGATGAAAGGATATTTATATAGCC
TTTTAGTAGCAAAGTCATACTTACGTGTTGCTACTGGATTATCATAAAAAGGGAGAAATTAATATTA
GTACTCTTAGTTGCTGTGAGTAAAGTCAATTTAAGCCAGTAAAAGCGATGGATACATAATGATTTGA
TCTGATCTTTAACTATTGTGAATCACAGCTACACAAAACCTCTTCTTGTAGAATACTGACTAATATGC
CATGTTAATCTGGCTAGATTATTAGGACTAGATAATGTAAGTATGATGTTTGTGTTAGTAACTAAATTTT
AGCAACAGAAATTAGAATTTTGCTTTTTCAACCAGTTACCATAAAGAAGTTAGTGTATATATAAACACA
AATAATTAGTGACAGATTCATAAAAAATTGAATGTTGTACACAGTAAATTTGTCAGAGGTAGAGAAGAC
AGGGATTGGGAAGTGGTGGGTGATGGAGGACCTGGATATATTTATCAAATAAAGGGTTACCAGAAGTGT
TCATTAAGGAATTTTAGCCATCATCTAGTTCAAACCTCAACTATTACAGGTAGAAAATCAGGGCAGGA
GAGAATAAATTGTAAGGAGTCAGGGCTAACACCTGGATCTCCAGAACTAGCCAGCAGGTTAATC
TTCACACATCTCTGGGTTCTGAGAAAAGCTGGAAAAATCACACTCTTTGTCATTGTCATGCTGAGGT
AATAATAGCAAACTGTTTTCTTCCCTTAATTTCTTTCTTAAGCTTATGTAATAGTTTGGCCATTAA
ATATCTTGCCCTATTTTCCCTATTACTGCTAGTATGCTACTTCTTACATACCCAAAAGAAATTCAGTTA
TTTATTGTATATTTATTGATTCTAATATAAATTGAAATAAATGGCATGGATTTATTTTTCTTAACAT
TTGGATTAAGCTTTGTGGTTTATGCAACAATGTGCAGATGATAGCACCTCCATATTACTAATAAAAA
TATGATAACCATCAA
ACGCGTAAAGCGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
  
```

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_133329.6](#)

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