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Product datasheet for SC205382

KCNG1 (NM_002237) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KCNG1 (NM_002237) Human 3' UTR Clone
Symbol:	KCNG1
Synonyms:	K13; KCNG; kH2; KV6.1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002237
Insert Size:	413 bp
Insert Sequence:	>SC205382 3'UTR clone of NM_002237 The sequence shown below is from the reference sequence of NM_002237. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCCTCCTCGGACACCAGAGACAATAACTGAGCGCGGAGGACACGCCTGCCCTGCCTGCCATCTGTGGCC CGAAGCCATTGCCATCCACTGCAGACGCCTGGAGAGGGACAGGCCGCTTCCGAGTGCAGTCCTGGCGCA GCACCGACTCCCACGCACCCGGGGAAGGACACCCTCACTCCCACACCCCGGGAAGAACACTAGAACATC AGCAGAGGGGCCCTGCCCCTCCGCCTGCAGCCGTGAAAGGAAGCTGGGTCATCAGCCCAGCCCCGCCCA CCCCAGCCCCTATGTGTGTTTCCCTCAATAAGGAGATGCCTTGTTCTTTTCACCATGCAAATAACATGC CCAGCAAAAACTTGCTTTATGGGTCTGCCTGGAGAAAAAAAAAAAAAAATACAAACAGCAGAAACAGCA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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.

View online »

RefSeq:	NM_002237.4
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 channel, voltage-gated, subfamily G. This gene is abundantly expressed in skeletal muscle. Multiple alternatively spliced transcript variants have been found in normal and cancerous tissues. [provided by RefSeq, Jul 2008]
Locus ID:	3755
MW:	14.9