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Product datasheet for SC206549

KCNH2 (NM_172056) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KCNH2 (NM_172056) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	KCNH2
Synonyms:	ERG-1; ERG1; H-ERG; HERG; HERG1; Kv11.1; LQT2; SQT1
ACCN:	NM_172056
Insert Size:	520 bp
Insert Sequence:	>SC206549 3'UTR clone of NM_172056 The sequence shown below is from the reference sequence of NM_172056. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AAACAGACACTTTTTGCTTCCTTAAAGTAGGATCAAATCTAGATCCTCTAGCCTGGGCAGTAGAGGAAG AAATGCTAGCCTGGAAGCTCGGCATTTGGTTTCACTAAGGGCCATGTGGTTCCCTGCAGCCTCATGCCT GGCCCCTTGACACATCCAAAGCAAAGGGAGTCCTGCCCCCTCCCCCCACTTCCTTTCTACCCTGCCTGT GCACAGTGGGTGGGTTGGTGTGTCTGGACACTGAGGACTTCCTCCCCCTTTGCCTGTCCTTCCCTCGGC CCTGTGTGCCTCAGGGCAGATATAGCAAGCTCTTTCGACCATAGTTGATGGTAGGACATTTTAGACTTT GTTTCTCAGCTCTGTACAAACACAAATACACACCCCCACAAAACTAAAATCAAAGTTTCACTACATAAC ACTGGGCCTTACTGCATGTGGTTCATTCTAGCATTTCTGTTCTGTGCTGTGCTAAGCTATACTACTGTA TGTTCTTTCAGTAAAAAAAAAAAAAAAAAAAAAAAAA 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.
RefSeq:	NM_172056.2

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Summary:	This gene encodes a voltage-activated potassium channel belonging to the eag family. It shares sequence similarity with the Drosophila ether-a-go-go (eag) gene. Mutations in this gene can cause long QT syndrome type 2 (LQT2). Transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Jul 2008]
Locus ID:	3757
MW:	19.4