

Product datasheet for **SC205467**

KCNH2 (NM_000238) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: KCNH2 (NM_000238) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: KCNH2
Synonyms: ERG-1; ERG1; H-ERG; HERG; HERG1; Kv11.1; LQT2; SQT1
ACCN: NM_000238
Insert Size: 412 bp
Insert Sequence: >SC205467 3' UTR clone of NM_000238
The sequence shown below is from the reference sequence of NM_000238. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCA**ACGATCGC**

CCTGCACAGACACGGCTCGGACCCGGGCAGT**TAG**TGGGGCTGCCAGTGTGGACAGTGGCTCACCCAGG
GATCAAGGCGCTGCTGGGCCGCTCCCTTGGAGGCCCTGCTCAGGAGCCCTGACCGTGAAGGGGAGAG
GAACTCGAAAGCACAGCTCCTCCCCAGCCCTTGGGACCATCTTCTCCTGCAGTCCCCTGGGCCCAAGT
AGAGGGGCAGGGCAGGGCCGGCAGTAGGTGGGCCTGTGGTCCCCCACTGCCCTGAGGGCATTAGCTG
GTCTAACTGCCCGGAGGCACCCGGCCCTGGGCCTTAGGCACCTCAAGGACTTTTCTGCTATTTACTGCTC
TTATTGTTAAGGATAATAATTAAGGATCATATGAATAATTAATGAAGATGCTGATGACTATG

ACGCGTAAGCGCCGCGGCATCTAGATTGAAGAAAATGACCG

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_000238.2](#)



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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