

## Product datasheet for **SC206037**

### **KCNH5 (NM\_172376) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** KCNH5 (NM\_172376) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** KCNH5  
**Synonyms:** EAG2; H-EAG2; Kv10.2  
**ACCN:** NM\_172376  
**Insert Size:** 477 bp  
**Insert Sequence:** >SC206037 3'UTR clone of NM\_172376  
The sequence shown below is from the reference sequence of NM\_172376. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG  
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC  
GGATGGTTCTCCATGGCAAACGCTCTGTGAGGGTGACCTGCTGGGTGTGAAACTGCTGCACGACTTCC  
TACTTCACCCATTATCTATCCGAGTTTTACGGAGTCCAGGAGAAAGTATAAAAGTTACCTTGAGGAG  
CAGGAGAGTGGAATGGTTAAGACTGTTTGAATCTGACCCTTGATTTGCATCCTGGACACACAGTTG  
TGTGACCTAAGGGAAACCACTTAAACTCTTTATGCCTCAATTTGCTTCTGTGATAAAAGAATAATAT  
GACCTGTGTCCTACAGTAGAGAATAATAGGTCCTAGCTCGTAAATGTTCTATTCCATGACACTTAAA  
TGAGAAAATACGTGTGTGGAAGTGACCACTTTGCTATATACAGATATTTTATTATCATTTTACAATGCC  
ATTATTTTGTTCATAGTCAAAGTATAATAAAACAAATGTCAATTTGCTTATTCTAATCCT  
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA  
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
```

**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\\_172376.1](#)



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**Summary:** This gene encodes a member of voltage-gated potassium channels. Members of this family have diverse functions, including regulating neurotransmitter and hormone release, cardiac function, and cell volume. This protein is an outward-rectifying, noninactivating channel. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

**Locus ID:** 27133

**MW:** 18.5