

## Product datasheet for **SC213361**

### **KCNH5 (NM\_172375) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	KCNH5 (NM_172375) Human 3' UTR Clone
Symbol:	KCNH5
Synonyms:	EAG2; H-EAG2; hEAG2; Kv10.2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_172375
Insert Size:	2000 bp



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**Insert Sequence:** >SC213361 3'UTR clone of NM\_172375  
 The sequence shown below is from the reference sequence of NM\_172375. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGGTGGCTATTTTAGATCATCTTTCGTAAGATCAGTGATGTGAAGAAAGAGGAGGAGGAGCGCCTCCG
GCAGAAGAAATGAGGTGACCCCTCAGCATTCCCGTGACCACCCAGTCAGAAAGCTCTCCAGAAGTTCAA
GCAGCAGAAGGAGCTGCGGAATCAGGGCTCAACACAGGGTGACCCTGAGAGGAACCAACTCCAGGTAGA
GAGCCGCTCCTTACAGAATGGAGCTCCATCACCGGAACCAGCGTGGTGACTGTGTACAGATTACTCC
CATTACAGCGTCTCTGGCCTATGTGAAAACAGTGAATCCCTTAAGCAGAAACAACCGTGATGCCATGGA
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AAATGGAAAAGGGTGGCTGCGACTCAAGAATAATATGGGAGCCCATGAGGAGAAAAAGGAAGACTGGAA
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TGTGACCAAAAACCCACTAAGAAAAACAGATTCTTGTGACAGTGAATTACAAAAAGTGACCTTCGTTT
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TTATCCCATCCCCGAGCAGGCCTTACAGACCACACTGCAGGAAGTCAAACACGAACTCAAAGAGGACAT
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AAAAAGCGTACCCAGGCCTCATCTCCCAAATCCCAAATGCCACTCCAAGTACCCCCCAGATACCATG
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GACTGCATGCACACTTTACATTTATTTATAATCTCTATTCTATAATAAAAGAGTATGATTTTTGTTACC
CAAGGCAATGTAATTTGAAGAATCAGGGTCCAACCTGCCAATGTTGCCATGACAAATTTGATCTCAG
GCTGAGTATGTATATCGAGCTATCATTCTCACTGTTCTGTTAAGTTAAAAGTATAGATTAATGCCAA
GGAAGAGTTCAGTCTTTAACTATTAGTACCATGTTATGATCTCTTCCATAGGATATTTTCTGTAA
CTTAGTGTAGGTTCTTTCCCTACAGGCAGTGTGCTCCATTTAAATGACTGTTTAGTTGCCTAAG
TCAGATAAAGAGTGTGGGATATTGAAAACCTATTGCTATGGGTTTTGTGCATGAATTACATTTTTGATCA
ACTATACCTCTCGTTTTTAACTTATACTTAGATAGTAATCATTAGCTCTTATGTAAGGAAATCCCTA
CTCCCTCCTTCTGGAGAACAGCTGCCATCTTGTAAAGCTGACATTATCAACATCATAAACTAAACTA
TTAATATAGAGTATGTTATTATAGAAAACACTGCACCACAGGGTATAAGGGCCTTTTGACAATTCATGTA
AGAGATGCTGAATTTCCAAAGCTGATAAATGCTCTAAATTTGATTTCCAAAACATGTTCAAAGGTGAC
ATTGAAAGGCTTGTAGCAAAGAAACATACAAAAAATAAAGCATTTAAGTAAATCATATCAAAATGCTAA
CTATTATGGTATAAAAATAAAAAAGAAATGTAACAGATAGATAAATTTTGTGGCATGTATATAACTTA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**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\\_172375.3](#)

**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:** 75.4