

## Product datasheet for **SC204779**

### KCNH6 (NM\_030779) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** KCNH6 (NM\_030779) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** KCNH6  
**Synonyms:** ERG-2; ERG2; hERG-2; HERG2; Kv11.2  
**ACCN:** NM\_030779  
**Insert Size:** 855 bp  
**Insert Sequence:** >SC204779 3'UTR clone of NM\_030779  
 The sequence shown below is from the reference sequence of NM\_030779. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCTGGATTTCAGGGAGTTGGGGCCACTGAACTCCAAGATAAAGACACCATGAGGGGACTGAAGGTGGG
CAAGGTGAGAGTTAAGGATCTTGGGGAGGTGGCCGGTGCAGTGGCTCGCCTGTAATCCCAGCACTTTG
GGAGGCCGAGGCGGCGGATCAGACCATCCTGGCTAACACGGTGAACCCACCTCTACTAAAATTTAAA
AAAGAAAAAAATAGCCGGGCGTGGTGGCAGGCGCCTGTAATCCCAGCTACTGGGAGGCTGAGGCAGG
AGAATGGCATGAACCCGGGAGGTGGAGTTGCAGGGAGCCGAGGCCGACCACTGCACTCCAGCCTGGG
TGACAGAGTGAGACTCCAACCTCAAAAAAAAAAAAAAAAAAAGATCTTGGGAGGCAGACAGCCCCCAGA
TGGGCCTCTCCTAAAGTAGCTACAACTGCTGATCCAGGTGACCCAGGATGGCGTGGGTGAAGAAGCTC
ACGACTTTCCAGCCTCCTCCAGGGCTCCATTTAAACAGCAAGCCTGGTGCAGGTTGGGAGAGTCTCA
GGTGTGGAGGCAGCTTACAGGATTGAGGGGCGAGTGAAGAAAGAGTTTCTGATCTACATGAGTACCTT
GCTCTGAGCCTCCAGCTCAGAACCCTCCAGCACCTCATGGCTCAGCACCAGGCCCGGGGTTGGTCAG
AACTCTTACCATGAGCCTCTGACCTGGCTGGAGATGGAGGTATGTTCTGTGGCAGACATGTCAGGACAG
TCTCCAGCCCTCTGCTCCTGATGGTTCTGTGACATTGGGTCTCTTGGGGCAGTGGAGTGTACACAG
CTAATAAAGTACACATTTTATGTTGGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCCACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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).



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<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_030779.4</a>
<b>Summary:</b>	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 H. This member is a pore-forming (alpha) subunit. Alternative splicing results in multiple transcript variants that encode different isoforms. [provided by RefSeq, Jul 2013]
<b>Locus ID:</b>	81033
<b>MW:</b>	30.9