

## Product datasheet for **SC209383**

### HCN2 (NM\_001194) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** HCN2 (NM\_001194) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** HCN2  
**Synonyms:** BCNG-2; BCNG2; HAC-1  
**ACCN:** NM\_001194  
**Insert Size:** 715 bp  
**Insert Sequence:** >SC209383 3'UTR clone of NM\_001194

The sequence shown below is from the reference sequence of NM\_001194. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGCGCCTCGCGCCTCTCGTCCAACTTGTGACCCCTCGCCGACCCCGCGGGCCAGGCGGGCCGGGGG
CGGGGCCGTATCCAGACCAAAGCCATGCCATTGCGCTGCCCGCCAGTCCGCCAGAAGCCATA
GACGAGACGTAGGTAGCCGTAGTTGGACGACGGGACGGGCGCGGGGAGCCCTCCGCGCCCCG
GCCGTCCCCCTCATCGCCCCGCGCCACCCCCATCGCCCTGCCCGCGCGGCCTCGCGTGCAG
GGGGTCCCTTACCTCGGTGCCTCAGTCCCCCAGCTGTAAGACAGGGACGGGGCGGCCAGTGGCTG
AGAGGAGCCGGCTGTGGAGCCCCGCCGCCCCACCCTCTAGGTGGCCCCGTCCGAGGAGGATCGTT
TTCTAAGTGCAATACTTGGCCCCGGCTTCCCGCTGCCCCATCGCGCTCACGCAATAACCGCCCCG
CCCCGTCCGCGCGCTCCCCGGTGACCTCGGGGAGCAGACCCCGCTCCCTCCAGCACTGGCACCG
AGAGGCAGGCCTGGCTGCGCAGGGCGGGGGGAGGCTGGGGTCCCGCCCGTATGAATGTACTGA
CGAGCCGAGGCAGTCCCCACCGTGGCCCCACGCCCCATTAACCCACACCCCAATTCCGCG
CAATAAACGACAGCATTGGCGCCAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-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>	<u>NM_001194.4</u>
<b>Summary:</b>	The protein encoded by this gene is a hyperpolarization-activated cation channel involved in the generation of native pacemaker activity in the heart and in the brain. The encoded protein is activated by cAMP and can produce a fast, large current. Defects in this gene were noted as a possible cause of some forms of epilepsy. [provided by RefSeq, Jan 2017]
<b>Locus ID:</b>	610
<b>MW:</b>	24.5