

## Product datasheet for **SC210358**

### KCNIP1 (NM\_001034837) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** KCNIP1 (NM\_001034837) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** KCNIP1  
**Synonyms:** KCHIP1; VABP  
**ACCN:** NM\_001034837  
**Insert Size:** 856 bp  
**Insert Sequence:** >SC210358 3'UTR clone of NM\_001034837

The sequence shown below is from the reference sequence of NM\_001034837. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCTCTCCAGCTGTTTCAAATGTCATGTAACTGGTGACACTCAGCCATTCAGCTCTCAGAGACATTGTA
CTAAACAACCACCTTAACACCCGTATCGCCCTTGTCTGATTTTACACACCAACTCTTGGGACAGAAA
CACCTTTTACACTTTGGAAGAATTCTCTGCTGAAGACTTTCTATGGAACCCAGCATCATGTGGCTCAGT
CTCTGATTGCCAACTCTTCTCTTTCTTCTTCTGAGAGAGACAAGATGAAATTTGAGTTTGTGGGA
AGCATGCTCATCTCCTCACACTGCTGCCCTATGGAAGGTCCTCTGCTTAAAGCTTAAACAGTAGTGAC
AAAATATGCTGCTTACGTGCCCCAGCCACTGCCTCCAAGTCAGGCAGACCTTGGTGAATCTGGAAGC
AAGAGGACCTGAGCCAGATGCACACCATCTCTGATGGCCTCCCAAACCAATGTGCCTGTTTCTTCTCCT
TTGGTGGGAAGAATGAGAGTTATCCAGAACAATTAGGATCTGTCATGACCAGATTGGGAGAGCCAGCAC
CTAACATATGTGGGATAGGACTGAATTATTAAGCATGATATTGTCTGATGACCCAACTGCCCATGTCA
TTTGTTCAGAAACGAGGACCAATAATCTCTCACACTGGCATTGTGCTGGTAGTACAAGTCCTTTA
ATATGTCCAGGAAGGGAGCCATTGCCAGTGGTCCATATCTCCACCACATCCCCTGCTTGAGCCAGCG
CTGCATGTCCCTCCCAAGAAGTCCAGAATGCCTGCAAATTGCTGTAATTTTATACCATGTTCTAACCAA
TAAACAGAACTATTTCTTACACTCTCAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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_001034837.3</a>
<b>Summary:</b>	This gene encodes a member of the family of cytosolic voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belong to the neuronal calcium sensor (NCS) family of the calcium binding EF-hand proteins. They associate with Kv4 alpha subunits to form native Kv4 channel complexes. The encoded protein may regulate rapidly inactivating (A-type) currents, and hence neuronal membrane excitability, in response to changes in the concentration of intracellular calcium. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, May 2013]
<b>Locus ID:</b>	30820
<b>MW:</b>	31.4