

Product datasheet for **SC210354**

KCNIP1 (NM_014592) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KCNIP1 (NM_014592) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	KCNIP1
Synonyms:	KCHIP1; VABP
ACCN:	NM_014592
Insert Size:	856 bp
Insert Sequence:	>SC210354 3'UTR clone of NM_014592

The sequence shown below is from the reference sequence of NM_014592. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGCGATCGCC
TCTCTCCAGCTGTTTCAAATGTCATGTAACTGGTGACACTCAGCCATTCAGCTCTCAGAGACATTGTA
CTAAACAACCACCTTAACACCCGTATCGCCCTTGTTCGATTTTACACACCAACTCTTGGGACAGAAA
CACCTTTTACACTTTGGAAGAATTCTCTGCTGAAGACTTTCTATGAACCCAGCATCATGTGGCTCAGT
CTCTGATTGCCAACTCTTCTCTTTCTTCTTCTGAGAGAGACAAGATGAAATTTGAGTTTGTGGGA
AGCATGCTCATCTCCTCACACTGCTGCCCTATGGAAGGTCCTCTGCTTAAAGCTTAAACAGTAGTGAC
AAAATATGCTGCTTACGTGCCCCAGCCCACTGCCTCCAAGTCAGGCAGACCTTGGTGAATCTGGAAGC
AAGAGGACCTGAGCCAGATGCACACCATCTCTGATGGCCTCCCAAACCAATGTGCCTGTTTCTTCTCCT
TTGGTGGGAAGAATGAGAGTTATCCAGAACAATTAGGATCTGTCATGACCAGATTGGGAGAGCCAGCAC
CTAACATATGTGGGATAGGACTGAATTATTAAGCATGATATTGTCTGATGACCCAACTGCCCATGTCA
TTTGTTCAGAAACGAGGACCAATAATTCTCTCACACTGGCATTGTGCTGGTAGTACAAGTCCTTTA
ATATGTCCAGGAAGGGAGCCATTGCCAGTGGTCCATATCTCCACCACATCCCCTGCTTGAGCCCAGCG
CTGCATGTCCCTCCCAAGAAGTCCAGAATGCCTGCAAATTGCTGTAAATTTATACCATGTCTAACCAA
TAAACAGAACTATTTCTTACTCTCAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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).



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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_014592.4
Summary:	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]
Locus ID:	30820
MW:	31.4