

## Product datasheet for **SC214374**

### **KCHIP2 (KCNIP2) (NM\_014591) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	KCHIP2 (KCNIP2) (NM_014591) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	KCNIP2
Synonyms:	KCHIP2
ACCN:	NM_014591
Insert Size:	1391 bp



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**Insert Sequence:** >SC214374 3'UTR clone of NM\_014591  
The sequence shown below is from the reference sequence of NM\_014591. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site  
**Blue**=Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

ATGAGGTCCATGCAGCTCTTTGACAATGTCAT**CTAG**CCCCCAGGAGAGGGGGTCAGTGTTTCCTGGGGG  
ACCATGCTCTAACCTAGTCCAGGCGGACCTCACCCCTTCTTCCCAGGTCTATCCTCATCCTACGCCTC  
CCTGGGGGCTGGAGGGATCCAAGAGCTTGGGGATTCAAGTCCAGATCTCTGGAGCTGAAGGGGCCAGA  
GAGTGGGCAGAGTGCATCTCGGGGGTGTCCCAACTCCCACCAGCTCTACCCCTTCTGCCTGACAC  
CCAGTGTGAGAGTGGCCCTCTGTAGGAATTGAGCGGTTCCCCACCTCTACCCCTACTCTAGAAACAC  
ACTAGACAGATGTCTCCTGCTATGGTGTTCCTCCATCCCTGACCTCATAAACATTTCCCTAAGACTCC  
CCTCTCAGAGAGAATGCTCCATTCTTGGCACTGGCTGGCTTCTCAGACCAGCCATTGAGAGCCCTGTGGG  
AGGGGGACAAGAATGTATAGGGAGAAATCTTGGCCTGAGTCAATGGATAGTCCCTAGGAGGTGGCTGGG  
GTTGAGAATAGAAGGGCCTGGACAGATTATGATTGCTCAGGCATACCAGTTATAGCTCCAAGTTCACA  
GGTCTGTACACAGGCCATCAAAATATAAGTTTCAGGCTTTGCAGAAGACCTGTCTCCTTAGAAATG  
CCCCAGAAATTTCCACACCCTCCTCGGTATCCATGGAGAGCCTGGGGCCAGATATCTGGCTCATCTCTG  
GCATTGCTTCTCCTCCTTCTCCTGCATGTGTGGTGGTGGTGGTGGGGGAATGTGGATGGGGGAT  
GTCCTGGCTGATGCCTGCCAAAATTTCCATCCACCCCTCCTTGCCTATCGTCCCTGTTTTGAGGGCTATGA  
CTTGAGTTTTTTGTTCCCATGTTCTCTATAGACTTGGGACCTTCTGAACTTGGGGCCTATCACTCCCCA  
CAGTGGATGCCCTTAGAAGGGAGAGGGGAAGGAGGAGGCAGGCATAGCATCTGAACCCAGTGTGGGGGCAT  
TCACTAGAATCTTCAATCAACCTGGGCTCTCCACCCACCCAGATAACCTCCTCAGTTCCTTAGGGT  
CTCTTCTGCTTGACTCAATCTACCCAGAGATGCCCTTAGCACACCTAGAGGGCAGGGACCATAGGACC  
CAGGTTCCAACCCATTGTCAGCACCCAGCCATGCGGCCACCCCTTAGCACACCTGCTCGTCCCATTTA  
GCTTACCCTCCCAGTTGGCCAGAATCTGAGGGGAGAGCCCCAGAGAGCCCTTCCCCATCAGAAGACT  
GTTGACTGCTTTGCATTTGGGCTCTTCTATATATTTGTAAAGTAAGAAATATACCAGAT

**ACGCGT**AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCG

**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).

**RefSeq:** [NM\\_014591.4](#)

**Summary:** This gene encodes a member of the family of voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belongs to the recoverin branch of the EF-hand superfamily. Members of the KCNIP family are small calcium binding proteins. They all have EF-hand-like domains, and differ from each other in the N-terminus. They are integral subunit components of native Kv4 channel complexes. They may regulate A-type currents, and hence neuronal excitability, in response to changes in intracellular calcium. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified from this gene. [provided by RefSeq, Jul 2008]

**Locus ID:** 30819