

Product datasheet for **SC214376**

KCHIP2 (KCNIP2) (NM_173194) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KCHIP2 (KCNIP2) (NM_173194) Human 3' UTR Clone
Symbol:	KCHIP2
Synonyms:	KCHIP2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_173194
Insert Size:	1409 bp



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Insert Sequence: >SC214376 3'UTR clone of NM_173194
 The sequence shown below is from the reference sequence of NM_173194. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCCATGCAGCTCTTTGACAATGTCATCAGCCCCAGGAGAGGGGTCAGTGTTCCTGGGGGACCAT
GCTCTAACCTAGTCCAGGCGGACCTCACCCCTCTCTCCAGGTCTATCCTCATCCTACGCCTCCCTG
GGGGCTGGAGGGATCCAAGAGCTTGGGGATTAGTAGTCCAGATCTCTGGAGCTGAAGGGGCCAGAGAG
TGGGCAGAGTGCATCTCGGGGGTGTCCCAACTCCCACCAGCTCTACCCCTTCTGCCTGACACCC
AGTGTGAGAGTGCCTCTGTAGGAATTGAGCGGTTCCCCACCTCTACCCCTACTCTAGAAACACA
CTAGACAGATGTCTCTGCTATGGTGTCTCCCCATCCCTGACCTATAAACATTTCCCCTAAGACTCC
CCTCTCAGAGAGAATGCTCCATTCTTGGCACTGGCTGGCTTCTCAGACCAGCCATTGAGAGCCCTGTGG
GAGGGGGACAAGAATGTATAGGGAGAAATCTTGGGCTGAGTCAATGGATAGGTCCTAGGAGGTGGCTG
GGGTTGAGAAATAGAAGGGCCTGGACAGATTATGATTGCTCAGGCATACCAGGTTATAGCTCCAAGTTC
ACAGGTCTGTACACAGGCCATCAAAATATAAGTTTCCAGGCTTTCAGAAAGACCTTGTCTCCTTAGA
AATGCCCCAGAAATTTCCACACCTCCTCGGTATCCATGGAGAGCCTGGGGCCAGATATCTGGCTCAT
CTCTGGCATTGCTTCTCTCCTTCTCTGCTATGTTGGTGGTGGTGGTGGTGGTGGGGAATGTGGATG
GGGGATGTCCTGGCTGATGCCTGCCAAAATTTCACTCCACCTCCTTGTCTATCGTCCCTGTTTTGAGG
GCTATGACTTGAGTTTTTGTTCCTCATGTTCTCTATAGACTTGGGACCTTCTGAACTTGGGGCCTATC
ACTCCCCACAGTGGATGCCTTAGAAGGGAGAGGGAAGGAGGAGGCAGGCATAGCATCTGAACCCAGTG
TGGGGCATTCACTAGAATCTTCAATCAACCTGGGCTCTCCCCACCCACCCAGATAACCTCCTCAGT
TCCTAGGGTCTCTTCTTGTGCTGACTCAATCTACCCAGAGATGCCCTTAGCACACCTAGAGGGCAGGG
ACCATAGGACCCAGGTTCCAACCCATTGTGAGCAGCCAGCCATGCGGGCACCCCTTAGCACACCTGC
TCGTCCCATTTAGCTTACCCTCCAGTTGGCCAGAATCTGAGGGGAGAGCCCCAGAGAGCCCCCTTCC
CCATCAGAAGACTGTTGACTGCTTTGCATTTTGGGCTCTCTATATATTTGTAAAGTAAGAAATATAC
CAGATCTAATAAAACACAATGGCTATGCA
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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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).

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_173194.3](#)

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

MW:

50.9