

Product datasheet for **SC213142**

KCND1 (NM_004979) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: KCND1 (NM_004979) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: KCND1
Synonyms: KV4.1
ACCN: NM_004979
Insert Size: 1231 bp
Insert Sequence: >SC213142 3'UTR clone of NM_004979
 The sequence shown below is from the reference sequence of NM_004979. 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
CCCGAGACTGTCAAGATCTCATCCCTGTGAGGGGTAGGCCTGCTGATTAGAGGGTCTCTTCAATTTTT
GGGAAGCTCCTTTCCAAAGCCATATTTTTGGGAGGCAGAGAGGGGCAGGCTTGGGCACCCCTTCTGCCCC
CCCCACTGAGAACTATGCAATGGAGTTTTCATGAAATGGTCCACATAGTGGGGAAGTAGCCAGGAAATGA
GAAACTTCTCCACCCAGACATTTTTCTGGTGGGAGCTGAAGCACTGGGCTTCCACAGGCCCTTG
CCTCCTTGCCCTAGCACACTGGGACTGGCCCACTCTCCAGCTGGACTCCTGCATGCTCCTCCCTTG
GGCTCTCAGATGAAGGCAAAGCTTTGATCCGACATCTGAGCTCTAGCCTAAGAAGGAGAGTTGAGATTT
CCTCCTCCCTCTGGCTGGGATATGGAGCTTTGGAGGTTTCAGAGAAGAGAACCCTCACCTCTGATCTGGC
CTCTACGAGAGGTCCTCATCTCCATCTGGCCCAACAATCCCAGATTCTGAAGCTTGGAAATGCAAACAC
AGGCTTTCATGGGCTGTGGCCTCTGCAGCGACCTGCCATCCCCAGGCTTGCCTGAGGGGTGAGGCTGCC
TCTCCCAACACACACTCAGATAGCACAAATCTACCATCCCTTCCCTGGCTGCTGGAAATGGACCCCG
CAACCCTGTCTCTGCTGGGCCCCAGCAAATCTAGCAATAGCAGCTGCTGCCGTGTCATTATGCAAAA
GCCTCTGACCAGTTTGCTGCAGCATTTACATCTGCCCTAATCAGAGGGGCCACCTCTAACTCCTCCTCC
TCCTCTTCTCCTCTGGTTTGGCGTCTTCTGGGTTGGGCTGGAGTCTGGACTGGCTGAGATAAGAGC
CTGGCAACCAGCAAGAGCTGGGCTGATTTGGAGATCATGGGCTGATTCCATGTTCTTGGGCAACAGTC
CAGAAGCATCAGGGGCTCCGGCTGGGATGTTTCTGAACCTTTGGGAGTTATAGGAGACAGGAGGAACTT
CTCCTCCTCCTCCTCCCTACAATTCCTTTTTCACATATTCCTTTCTTCTCCTCTTGGGTGACCTTCCA
AAACTCTGCTCTCAGGCTGAAATCTGGCATCATCTCAGGTTCCCTGTCCCAGCACTGTCCCATGGAG
CTGGTGGCTGACAAAGATGTAGTTTCCATCAGTCAATAAAACCTGAGAGGAGAGATGA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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_004979.6
Summary:	This gene encodes a multipass membrane protein that comprises the pore subunit of the voltage-gated A-type potassium channel, which functions in the repolarization of membrane action potentials. Activity of voltage-gated potassium channels is important in a number of physiological processes, among them the regulation of neurotransmitter release, heart rate, insulin secretion, and smooth muscle contraction. [provided by RefSeq, Aug 2013]
Locus ID:	3750
MW:	45.4