

Product datasheet for **SC216161**

KCTD5 (NM_018992) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KCTD5 (NM_018992) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	KCTD5
ACCN:	NM_018992
Insert Size:	1733 bp



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Insert Sequence: >SC216161 3'UTR clone of NM_018992
The sequence shown below is from the reference sequence of NM_018992. 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
ATTTTGAAGAACGAGGCTCAAGGATGTGAGGGACACAGTATTGACAGCTGAAGAAATGATTACGTTT
TCCCGAGATGTAATGAACTGCCATGTCCAGGAAGCTTGGCTGTGAGAAGAAACCTGCTTTTGATCATT
TTCTAGAGATCTGGGTGTGAATCCTTTTTTGCCTCTGAGGTGGTGGTGAGAGACGGGCCAGCTGTCC
AAGGCCAGACGTCCCAAGTTGGGGGAGCACGGCGGCCGGTGGGCGCTGCCTCTGGGGGGCCTCGC
TCTGTTTTTCCAAGTGCACGTGGGACTGAGGCAGACACTCCAGTCAGCCCGCTCGATCTGAAGAT
CGTGTGAAGGAAGCGTTCTTGGTGTACACACAGTCTGAAAAGCAGCCTGGGCTTCACTGGCAGGAAG
CGGCCGACGGCGTCAGTGTCCAGCACGTCTGGCCCTCTGGTCCGACCACCAGGCCCTAGTCTCGGTC
AGGGAGTCTGCTCTGCCCTCCAGCGGGATCGCTGGTTTTCTCGACCTCGCAGAGCTCCTGACAAAGG
CGGCTTCTGCGTCTGCTGCTTCCCGGCCATTCCGAGGCCGGCCTTCTTCTGACACGGGCTCCAA
CCCCACCTGACCAAGCCCGGACAGTCAAGGCTTCTCAATTTGTATTTTCCAGGCAAGAGAACTTTGTA
CCCCTTCTGTGTGGATAGACTCCCCAGCGTTTTTCTCTGAAATGCCACAGGGCTTCCCGCGTGG
AGACTGATCTGTTCCATCCGTTAGCGCGAGGTAGCAGTGTGCGCTCGCCCTCCCACTGCGGGCTCACG
GGGAGCTGGCGTCTGTCAAGTGCCTTGTACGCCTGGCATAGAGGTTGGGCTGGAGGCTTCCACTGGC
TTCTGGAGCTGAAGGTCTGCGTCAAGGTGAAAATTCGGGATGTTTACAGAGCATCAGAAATGCCTCTCT
CTCGCCGCTCTCTATTTTCTTTGTATAACTATGCAGCCTTCCCTCTCTTTCTGGGATGTTTGGGACTT
CACTCGACCTGCACGGGCTCTGCCCGACATGCCGTGGGAGCTGCTGGGATTCTTTAGAAACCGTGCC
CGCATGCTTTGAAAACAGACCTTCTCAGCTGGCTGTGGGGACCTGTGAGAGTCTGGGGACTCGGGGTG
CAGGGCGGGCTCCAAGCGCTTGTCTCCGGAACCTCCGGCTTCCAAGGGTACTGTGCAGACTGACCAC
CGGCTCCCGCTGCAGGTGAGGCTCTGACACTGTCTGGTTTTCCAATGCTTCTGGAGACTTCTGCTCC
TAGGCCTCATCTCTCTTTGCCAGTCACCTGATTAACCAATTCTCCAGCATTAGGACTTACCTCTTC
TTTTTGAAGGTCTCTTGTATGTTGTTAAATGTTGGCTTAAACAATTTATAAAAGCCTTTCTAGAAGG
CAGACTTAGCCCCAGCAGAGCCTGGGAGGAAGGGCGGCTGGGGCTCCTGGGCATCTCTCTGGGGAG
CTGCTGGCCGCTTAGCGTTGTTGATTTTTGACCTTGACATAGTAGAGCTTGTGGTTTTTTAATT
TAAAGATATTAAGACTTAATCACTAAAATTTATTCTAAGGGGATATTTATACTTTTATACTTTTTTAG
GTATCGTATTTTATCAGTTACAGTTAATGCCTAAGTTTCCCTGGAAATAGCAATAAAATTTGTGTA
TTTATGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-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_018992.4](#)

Summary: Its interaction with CUL3 suggests that it may act as a substrate adapter in some E3 ligase complex (PubMed:18573101). Does not affect the function of Kv channel Kv2.1/KCNB1, Kv1.2/KCNA2, Kv4.2/KCND2 and Kv3.4/KCNC4 (PubMed:19361449).[UniProtKB/Swiss-Prot Function]

Locus ID: 54442

MW: 64.6