

Product datasheet for **SC209376**

KCTD6 (NM_001128214) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: KCTD6 (NM_001128214) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: KCTD6
Synonyms: KCASH3
ACCN: NM_001128214
Insert Size: 754 bp
Insert Sequence: >SC209376 3'UTR clone of NM_001128214
The sequence shown below is from the reference sequence of NM_001128214. 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
TGTAGGCTAGCCCGGAAGACAGACGACTGATCTCCGACCCTGCCACAGGTTCTGAAAGACTCTCCAG
GAAATGGAAGATACTGATTTTTTTTTTAAATCACAGTGTGAGATTTTTTTTTCTTTAAATAGTTGT
ATTTATTTGAAGCAGTGAGGACCAGAAGGAAGTTTTGTGCTTTGGCAGACTCCTCCATGTTTTGTCC
CTTCCCCCTGAGTATGCATGTGCCTGTTTCAGAGTCTCCAGATACCTTTTTTATAAAAAGAAGTCTGAAA
ATCATTATGGTATATAATCTACCCTTAACAGAGCTTTTCTTATTACAGTGTAAAATGATTTCTGATAA
AATGGTCCCTAACTCAACTAGAAGGCTAAAAATACAAGAATGAAAGAATAAGCAGAGTACTCATGATGC
CTTTGAGAAAAATCAAACATCATGTAGGGTGACCTAGTTTCAAACCAATAAATAAGTAGTATTGTAA
TATTAAGGAAAAGTGTCCAATCATTTAAAAGTACTTATTAAGTACTGCTTTTACAGTTATGACAAC
TGTTTCTTCTATGCATATAAATCAAGGAACCAATATCTGTAGCCATGGAATGTCTGACTAGAAATA
TTTATATTGAATTCTGAATACAAAATGTCCCTGTGGTAGAAAACCTACTTTATGCCTGGTGCAGTAT
AATCCCAAGTGTACTGTCTACCAGAAAAAACAACAACTAATAAAAAATGAAATATGAAAA
ACGCGTAAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul

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_001128214.2
Summary:	Probable substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex mediating the ubiquitination and subsequent proteasomal degradation of target proteins. Promotes the ubiquitination of HDAC1; the function seems to depend on KCTD11:KCTD6 oligomerization. Can function as antagonist of the Hedgehog pathway by affecting the nuclear transfer of transcription factor GLI1; the function probably occurs via HDAC1 down-regulation, keeping GLI1 acetylated and inactive. Inhibits cell growth and tumorigenicity of medulloblastoma (MDB) (PubMed:21472142). Involved in regulating protein levels of ANK1 isoform Mu17 probably implicating CUL3-dependent proteasomal degradation (PubMed:22573887).[UniProtKB/Swiss-Prot Function]
Locus ID:	200845
MW:	29.2