

Product datasheet for **SC209374**

KCTD6 (NM_153331) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: KCTD6 (NM_153331) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: KCTD6
Synonyms: KCASH3
ACCN: NM_153331
Insert Size: 765 bp
Insert Sequence: >SC209374 3'UTR clone of NM_153331
The sequence shown below is from the reference sequence of NM_153331. 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
GAAATGGAAGATACTGATTTTTTTTTTAAATCACAGTGTGAGATTTTTTTCTTTAAATAGTTGT
ATTTATTTGAAGCAGTGAGGACCAGAAGGAGTTTTGTGCTTTGGCAGACTCCTCCATGTTTTGTCC
CTTCCCCCTGAGTATGCATGTGCCTGTTTCAAGTCTCCAGATACCTTTTTTATAAAAAGAAGTCTGAAA
ATCATTATGGTATATAATCTACCCTTAACAGAGCTTTTCTTATTACAGTCTAAAATGATTTCTGATAA
AATGGTCCCTAACTCAACTAGAAGGCTAAAAATACAAGAATGAAAGAATAAGCAGAGTACTCATGATGC
CTTTGAGAAAAATCAAAACATCATGTAGGGTGACCTAGTTTCCAAACCAATAAATAAGTAGTATTGTAA
TATTAAGGAAAAGTGTCCAATCATTTAAAAGTACTTATTAAGTACTGCTTTTACAGTTATGACAAC
TGTTTCTTCTATGCATATAAATCAAGGAACCAATATCTGTAGCCATGGAATGTCTGACTAGAAATA
TTTATATTGAATTCTGAATACAAAATGTCCCTGTGGTAGAAAACCTACTTTATGCCTGGTGCAGTAT
AATCCCAAGTGTACTGTCTACCAGAAAAAAAACAAAACAAATAAAAAATGAAATATGAAATTTAAA
AAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

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_153331.3 |
| 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: | 29.7 |