

Product datasheet for **RN206979**

Kctd10 (NM_001009973) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kctd10 (NM_001009973) Rat Untagged Clone
Tag: Tag Free
Symbol: Kctd10
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206979 representing NM_001009973
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGAGATGTCAGGAGAAAGCGTGGTGACCTCAGCGGTGCCAGCGGCTGCTACCCGCCACCCTCTCT
TCAAGGGCGCCAGCCCCAGCTCCAAGTACGTGAAGCTAAACGTGGGGGGGGCCCTCTACTACACCACCAT
GCAGACGCTCACCAAGCAGGACACCATGCTGAAGGCCATGTTTCAGCGGGCGCATGGAAGTGCTCACCGAC
AGTGAAGGCTGGATCCTCATCGACCGCTGCGGGGAAGCACTTCGGGACAATCCTCAACTACCTTCGAGACG
GCGCTGTGCCCTTGCCCGAGAGCCGCGGGAGATCGAGGAGCTGCTGGCGGAGGCCAAGTACTACCTGGT
GCAGGGCTGCTCGAAGAGTGCCAGGCGGCCCTACAAAATAAAGACACTTACGAGCCCTTCTGCAAGGTG
CCTGTCATCACATCCTCCAAGGAAGAGCAGAGGCTCATAGCGACGTCAGATAAGCCAGCCGTGAAGCTGC
TCTACAATAGAAGTAACAACAAGTACTCCTACACCAGCAATTCGACGACAATATGTTGAAAAACATTGA
ACTGTTTGATAAGCTCTCCCTGCGCTTCAACGGCGGGTCTGTTTCATAAAGGACGTCATCGGGGATGAA
ATCTGCTGTTGGTCATTTACGGCCAGGCGGAAAAATCGCTGAGGTCTGTTGTACCTCCATTGTCTACG
CCACCGAGAAGAAGCAGACCAAGTTGAATTCCTGAAGCCCGCATTTATGAGGAGACCCGTAATATCTT
GCTGTATGAGGCCAGGATGGCCGAGGACCTGACAATGCCTCCTGGAGGCCACGGGTGGGGCAGCTGGA
CGCTCACATCACCTGGATGAGGACGAGGAGCGGGAACGGGAGCGGATCGAGCGAGTGCAGGAGATCCACA
TCAAGCGCCAGACGACCGGGCCACCTCCACCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001009973
Insert Size: 948 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001009973.1</u> , <u>NP_001009973.1</u>
RefSeq Size:	2913 bp
RefSeq ORF:	948 bp
Locus ID:	494521
UniProt ID:	<u>Q7TPL3</u>
Cytogenetics:	12q16
Gene Summary:	Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex. The BCR(BACURD3) E3 ubiquitin ligase complex mediates the ubiquitination of target proteins, leading to their degradation by the proteasome (By similarity).[UniProtKB/Swiss-Prot Function]