OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC203749

Kctd10 (NM_026145) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kctd10 (NM_026145) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kctd10
Synonyms:	AW536343; C87062; mBACURD3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>BC006935
CTGGGTGTTTCCTGCCTCTCAGTCCGGATTTGGAGACTCCGGCGTCCTCCGACTTTTCATGGAAGAGATG
TCAGGAGACAGCGTGGTGAGCTCAGCGGTGCCAGCGGCTGCCACCCGCACCACTTCCTTCAAGGGTGCCA
GCCCCAGCTCCAAGTACGTGAAGCTGAACGTGGGGGGCGCTCTCTACTACACCACCATGCAGACGCTCAC
CAAGCAGGACACCATGCTGAAGGCCATGTTCAGTGGACGCATGGAAGTGCTCACGGACAGCGAAGGCTGG
ATCCTCATTGACCGCTGTGGGAAGCACTTTGGGACAATCCTCAACTACCTGCGAGACGGGGGTGTACCCT
TGCCTGAGAGCCGCCGGGAGATCGAGGAGCTGCTAGCCGAGGCCAAGTACTACCTGGTGCAGGGCCTGCT
GGAAGAGTGCCAGGCCGCCCTACAAAACAAAGATACTTACGAGCCCTTCTGCAAGGTACCCGTCATCACA
TCCTCCAAGGAAGAACAGAGGCTTATAGCGACGTCAAATAAGCCCGCCGTGAAGCTGCTCTACAACAGGA
GCAACAACAAGTACTCCTACACCAGCAATTCTGACGATAACATGTTGAAAAACATCGAACTGTTCGATAA
GCTGTCCCTGCGCTTCAACGGGCGGGTCCTGTTCATTAAGGACGTCATCGGGGACGAGATCTGCTGTTGG
TCATTTTACGGCCAGGGCCGGAAAATCGCTGAAGTCTGTTGTACCTCCATCGTCTACGCCACTGAGAAGA
AGCAGACCAAGGTTGAGTTCCCTGAAGCCCGCATTTATGAGGAGACCCTGAATATCTTGCTGTACGAGGC
CCAGGATGGCCGAGGACCTGACAATGCCCTCCTGGAGGCCACGGGCGGGGCAGCTGGACGTTCTCATCAC
CTGGACGAGGACGAGGAGCGGGAGCGGGAGCGGATCGAGCGCGTGAGGAGGATCCATATCAAGCGCCCAG
ATGACCGGGCCCACCTCCACCAGTGAGCAGGCCGAGCACCCTGCCTTCTGCCCTCCCTCTGCTCCTGCCC
CGCCCCCTCAGACCCTGTGCAGGCTTTGGGGCACCTCCCACTTCCCCTGGAGTCTGAGACACTTTTGTAA
CAAGCCAGATGATTATTTTGTTATTTCTTGACAAAGTAGATTGCTTCTGTGTTGGCCCGGGTGTGCACCC
CTTCTGAACATGCTGTGTCTGGGGTCCCACCTCCCGTGAGAGCCTGGAGCCCAGCCTTCTGGGGCCTTGG
AGGAAAACGTATGAATGAGTTTGGCGTGTATGTGAGAACCTTTGTTGCAGTATTTATTTTTATGGGTGTT
GACTACCTATTAGGGCCTCTTAGGTGACACTCCCTCAAGGACTTAGTTTGGCAGTTGGGAGGAACTGCGT
AGTTGGCAGCCGGCCACCAAGGCGTCCTTGAGCAGCCTGGCCCTGGTGTGTTCTGAGCAGGCAGTCTTTG
CTCTCCTGTGAGTCTGCTCTGTGTGCGGTTTTGTACAGAGCCCCTTGGGCACAGTGGAAGGGGGACGAAG
TGTGCTTCTGGCCTCTCCCTGGTTCTCAGCATGGCAGGCACACTCCAGGCTGGGAGCAGACCGATTCCTG
GCAGTTGGCTGCTCTCTCGGCTCAGTCCTTTTGATGTACCCCATCCAGGAAGGGGCAGCCATCGCTGCTT
TAAGGGTCTACTCCTCTCTTGCATGGCTTCCTTTTCTCATCAAGGGGGTGCCTTGCCCTTTGGTTAGGAA
CTGGGGTGACCGCAGACACTGGCACCAGGTGAGGACACCACTGAGTTTGCAGCAGTTTCCCTGCAGAATA
GAGTGGGCATGCAGATACCTTTGGGTCTTGTTGTGTTCAGGGGATGTGTGTGTGACTGCTGGTGGGACGT
GTGACTGTAGGGCGCAGGCGCTCACGACAACAGTCAGTTACCTCGAGTCTGCTTTGCGCAGAGGAGTCGT
GGCTGAGTAGACTAGTTTCAAGGTTAGGTGAGAGTGTGGGATGGATTTGGCTGCTTGATAAAGGAAGTGT
TGGCTATTTTTTAGACCAAAGGTATTAAGTGGGCAATCTCTGACAGGTTTTAAAATTTCTATTTAGCGAC
GGTTTGTACAGCTCGCTTTGTACATGACAGTTGTATACCTTTCTCTTGTATCTGACACAAAACCTATGAT
AAATACTCAAACAATCCCGACTGGATCGAGGAACCATGTATGGGGTAGACTTTTGTATTAAGAGCCAAGA
AAGGGAGCTTACGAATCATGTTTCCTACGTTTTTATACTGTTTGTTTTAAACGGCAGCCCTGCCCAGTGG
GTTCAGCTTTTCTAGGAAGTGAATGTCAGTACTGGTGTTTTCTATAGGAATGGAGAAGCCATGTATACAC
TGTGTAAATGCTCATGTGAGAATGACCTAGCGGCACAATCTGACTTGCCTTGGCCTCTGGCCTTCCGGTT
ACTGTTTTTGGCAGCTCTCTCTACCTTCCTCTATCCTCAAACCTTGTGCCTGTAGCTTTGTACTTCAGCT
CCCAGGGATAGGAACAGACCTAGTGAACATTCCACGGTGCCTGATCTCGCTGGCAACTGAGTCCAGCTAG
GGCCTGACCCAGCGTCAGTCTCCAAAGCTCTGCTTCCGGATTCCAAACACTGGCGTGAGGGGCAGTAGTC
AGCACTTCTAGATCACCATCTAGTGAGTCGCTGGTGTAGAGTGAACTTTTACTGCACACTAAGGGCTCAC
AATTAAAATAAACCAGAATAGCTTTTTGCTCATGGTAACCAAGTTCAGTGTCTGTGGGGCCCACAGCCTG
GCAGGTCTGGCCCAGCTCTCTGTCACCTGCTGTGGGAGATGGACCGTTTGACCTCTCTGGAGGCTGAGAC
CCCATACCTGCTGCTCAGTGCTGGTAATCAGCCCTCCCCAGAGTGCGTGCCGGCCAGAGGGCTCCACCCA
CAGTCCCTGGTCATGTACGCACATCACACTCTTCCTGCCTCTGCACTATGAAAACCATACTGGGAGTTTT
AGAAGTGCTCACTCTTGTACGAGTGTCTGCGGACATGTGTAAAATAAACGTTAAACTCTGCTTCTAAAAA AAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_026145

Insert Size: 948 bp

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:	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:	BC006935, AAH06935
RefSeq Size:	3096 bp
RefSeq ORF:	948 bp
Locus ID:	330171
UniProt ID:	Q922M3
Cytogenetics:	5 F
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] Transcript Variant: This variant (2) uses an alternate in-frame splice site in the coding region, compared to variant 1, which results in a protein (isoform 2) that is one amino acid shorter than isoform 1.