

Product datasheet for **MC226722**

Kctd9 (NM_001285933) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kctd9 (NM_001285933) Mouse Untagged Clone
Tag: Tag Free
Symbol: Kctd9
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226722 representing NM_001285933
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGGCGCACATGTTCAAGGACAAAGGTGTCTGGGAAATAAGCAAGATCATAGAGGAGCATTCTTAA
TTGACCGAAGTCCTGAGTACTTTGAACCTATTTTGAACACTTACGTCATGGACAGCTCATTGTAATGA
TGGCATTAACTTATTGGGTGTGCTAGAAGAAGCCAGGTTTTTTGGTATTGACTCACTGATTGAACACCTA
GAAGTGGCCATAAAGAATTCCTCAACCAAGGAGGATCATTCAACCAATATCCCGAAAGGAATTTGTCGAT
TTCTGCTGGCCACTCCAACCAAGTCAGAGCTGCGCTGCCAGGTTTAACTTCAGTGGTGTGATCTTTC
CCGTTTGGACCTTCGATACATTAACCTCAAATGGCCAATTTAAGCCGCTGCAACCTCGCACATGCAAA
CTCTGCTGTGCTAATCTGAACGAGCTGATCTTCTGGATCAGTGTGCTGACTGTGCAAACTCCAGGGAG
TCAAGATGCTCTGCTCAAACGCAGAAGGCGCATCCCTGAGGCTCTGTAATTTTGAGGATCCTTCGGGTCT
TAAAGCCAACCTAGAGGGTGCTAATCTGAAAGGTGTGGACATGGAAGGAAGCCAGATGACAGGGATTAAC
CTCAGAGTTGCCACCTTAAAAAATGCAAACTGAAGAAGTGAATCTCAGAGGAGCAACTCTGCCAGGAA
CCGATTTAGAAAAGTGTGATTTGTGGGGTGTGACCTCCAGGAAGCCAACCTGAGAGGCTCCAATGTGAA
GGGTGCCATATTTGAAGAGATGCTGACACCATTACATATGTCCAGAGTGTGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001285933
Insert Size: 828 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	NM_001285933.1 , NP_001272862.1
RefSeq Size:	3451 bp
RefSeq ORF:	828 bp
Locus ID:	105440
UniProt ID:	Q80UN1
Cytogenetics:	14 D1
Gene Summary:	<p>Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex, which mediates the ubiquitination of target proteins, leading to their degradation by the proteasome.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) differs in its 5' UTR and initiates translation from a downstream start codon, compared to variant 1. The encoded isoform (c) has a shorter N-terminus, compared to isoform a.</p>