

Product datasheet for **MC200366**

Cdca3 (NM_013538) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cdca3 (NM_013538) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cdca3
Synonyms: 2410005A12Rik; C8; Grcc8; Tome-1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC002006 sequence for NM_013538
 CCCACGCGTCCGCCACGCGTCCGGTTCGGCCAGAGGTCGAGCTGGGGCCCGCCGGGCCCGTCCCCAGC
 CCCAGTGGAGATGGGTTGACTCAGAGCGTCTCAGGCCTCCAGCAGCGCCTCTGCCACGCAACAAGCAA
 GTGGCTCGAGTAGCAGACCCTCGTTCACCTAGTGTGGCATCCAGCGCACTCCTATTCAGGTAGAGAGCT
 CTCACAGCCAAGCCTACCAGCAGAACAGCTGAACGGTCTCAAACAGGCAACAAGACCCAGATCCCGGCTC
 TCTACTCTTGGCATTGCACGGACCCATGAAGATCAGTGGTCCAGACCCTCAGTGCTCACTGGTGAAA
 GAGCTGAGCGAAGTATTGGAGACGGAAGCGTCGGAATCGATTTCTCCAGAGCTTGCTCTGCCCCGGG
 AAACGCCTTTATTTCTGACCTGGACCTGTCTTCAGGTCTCAGTTATCCCCTGAGGACCAGTTACTGCC
 TTGGAGCCAGGCTGAACTCGATCCCAAACAGGTGTTTACCAAGGAGGAAGCCAAACAATCCGCAGAACT
 ATAGCTGCCAGCCAGAACTCAGACAAGCCCTCCAGAGACCCAGAGACTCCCAGTCTCAGGTTCTAAGC
 GCAGCAGACGAAAAGCAAACAGCAAGGTTCTAGGGAGGTCCTCCTCACCATCCTGCAGGATGACAACCT
 CCCTGGGACCTTGACACTACGACAGGGTAAGCGGCCTTCTGCCCTCAGTGAGAAGCTTAAGGACCTAAAG
 GAAGGAGTCGTTCTTGGAACTGGAAGATTTCTCAAAGCTGGAGGAGGAGCACGGGAGCCAAACCAGGACC
 ACGACAAGGAAAAATCAGCATTTTGCCTTGTGGAGAGCTAGGGCTGTGCTGGAGTCATCCCCAAGGGCAC
 CAAAGAAAGCCCTGTTCTGATTCCTCAGGCACCAACTCTGGTACTTGGACATCGTTCTTTTAAATGT
 TTTATGTGTTTCTGTATATTAAGTAGATGATTTAAATGATGCTTTAAGAAGTTAGAGCAAAGCTACA
 CCGGGTCTTGTGTATAGAATGGCATCCTAGGGCCCTGTGAGACCTGGATAGATCTCTCTCCTGCCACT
 TCTGAGCCTCCTTATGTAGCTTAAGCTTTGATGTCCCCAGAGCTCTGCCTTTGGCCCTCTTCACTTCTT
 GTTTGGGTTTAGCTATTGCTTACCTGCTTGTAAATTTCCAGGTCCCCTCTCGACATAAACTCAACGTT
 AGTTCCTCAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_013538
Insert Size: 801 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:	BC002006 , AAH02006
RefSeq Size:	1285 bp
RefSeq ORF:	801 bp
Locus ID:	14793
UniProt ID:	Q99M54
Cytogenetics:	6 59.17 cM
Gene Summary:	F-box-like protein which is required for entry into mitosis. Acts by participating in E3 ligase complexes that mediate the ubiquitination and degradation of WEE1 kinase at G2/M phase (By similarity).[UniProtKB/Swiss-Prot Function]