

## Product datasheet for RN211354

### Cdca3 (NM\_001007648) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cdca3 (NM_001007648) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdca3
Synonyms:	MGC94266
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN211354 representing NM_001007648 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGGTTCTACCCAGAGCGTCTCAGGCACTCCAGCACGGCCTCTGCCACGCAACAAGCATGTGTCTCGGG  
TGGCAGACCCCTCGTTACCTAGTGCTGGCATCCAGCGCACTCCTATTCAGGTGGAGAGCTCGCCACAGCC  
AAACCCACCTGCAGAACAGCTGAACAGTCTCAAACAGGCGCAAGACCCAGATCCCCGCTCTCCTACTCTT  
GGCATTGCTCGGACACCCATGAAGATCAGTGGTCCAGACTCTCAGTGCCACTGGTAAAAGAGCTGAGCG  
AAGTGTGGAGACCGAAGTGTCCGAGACAGAAGTCCGAATCGATTTCCCTCCAGTGCTTGGTCTGCC  
CCAGGAAACCCCTTTATCTTCTGAACCTGGACCTGCCTCCGGACCCGGATCCCCAGGTATCCCTTGAGGAC  
CAGTTGCTGCCTTGAGCCAGACTGAACTCAATTCAAAACAGGTGTTGCCAAGGAGGAAGCAAAAACAAT  
CCACAGAAACCATGGTTTCTGGCCAGACCTCAGACAAGCCCTCCAGAGACCCAGAGACTCCCCAGTCCCTC  
AGGTTCTAAGCGCAGTAGACGGAAGACAAAACAAGGTTCTAGGGAGGTCCCCACTCACCATCCTGCAG  
GATGACAACTCCCCTGGGACCTTGACACTACGACAGGGTAAGCGGCCTTCTGCCCTAAGTGAAAATGTTA  
AGGACCTAAAGGAAGGAGTCATTCTTGAACCTGGAAGGTTTCTGAAAAGCTGGAGGTGGAGCATGGGAGCA  
AAACGAGGACCATGACAAGGAGAATCAGCATTTTGCTTTGATGGAGAGC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001007648
Insert Size:	822 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001007648.1</a></u> , <u><a href="#">NP_001007649.1</a></u>
<b>RefSeq Size:</b>	1524 bp
<b>RefSeq ORF:</b>	822 bp
<b>Locus ID:</b>	297594
<b>UniProt ID:</b>	<u><a href="#">Q68FW2</a></u>
<b>Cytogenetics:</b>	4q42
<b>Gene Summary:</b>	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]