

Product datasheet for **RN214654**

Cdca2 (NM_001107273) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdca2 (NM_001107273) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdca2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214654 representing NM_001107273
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATACGAGTTACACACAAGCCTCTCTGAATCCAAGGAGTGTGTCGGTCATAATCTGAAAATG
 ACTTTTTTATCTTGGGTACCGGGCCGCTTGTGACCCCTCAGAAGCATGCAGCAGACATGACTCCTAATCT
 TTGCACCCTGATACCTTAAAGTCACCTTTGGACTTCTCCACAGTAACCGTAGAGCAGTTGGGAATTACA
 CCTGAAAGCTTTGTTAAGACCCCTTCAGAAAAGTCATCATCTTCCCTTCAGAAGAACAGACGCCGTTCTA
 CGGTTGGTGTGCGGGGCTCTCCAGAAAACAACTGTTTGTATCCGCTTCATAGCTCAGCAGCGAAGCCTGAA
 GAAGGCTGTAAGGTCTCCAATGGCCCGCATCCCTACTTAGAGGGTAGCCCAAGACTGTATCGAAATGCC
 AGTGTTTTAAAGAGAGCGAATGTCTGCTTTTCGGTCAGCTTTTCACTCCATACAGGAACTGAGAAGATGG
 CTGGTGGTCCCTCAGCATCAGAGGCAGATGGAGAGTCTAAGATAACAGATTTGACCAAAAAAGAAGTCT
 TGTTGAATATCAGCAGTCTGGGTTCCCTATAAACTGCTCTCAAAGCGGAGGAGACTATCCTCCAAGGAC
 ATCCTGGATGATTATCTCAGTGGACCAAAATGTTTGGTGTATGGAGCATGTGCTGGGGCCACCTCCACAG
 ATCTTGCTGAGAAGTCTCTGACATCAGTTCAGCCAGTCTGGATATATGGCTACTCCCCTTCCAGATCT
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 CTTGACACACCGGCAACACCACTGAGCTCAGGCACAGCCACTACTACCAGGACTCCTAATTCCTGTGT
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 CTCAGAGAATGGAAGGGATACAACCCCTGTGTAGCAGGCCCATCTGATCACATGTCCGTCCTCACTGT
 TGCAAAGGAGGAGCGGGTAGAGAAAAGTAAAACACCAAGGCTGTCTGAATCTGAGGAAGAGGAAGAGAG
 TTAATTTGGAGAAGACTTAAGCCCTGAAGTGTGTTGATGAATCTTTACCAGCCAATACTCATTGTGTAA
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 CAGTTCCTTCAGCCAACTTTGATGACAAGGAAGAGAATCTCGAAAACATAGCACCACTCAGGGATCAT
 TTGCAATCTGAGTCTACTAAATCCTCATTCTCTGAGATTCCTCAGGCACTAACACTTGCAGTCTTTT
 AAATAAGGATGAAGAAATAGTCTATAGTGTGGTAGATCTACACGGACTTCTCACAGAAGAAAGTTGCTG
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 GGAGGAAATCTCAAGAAAAAAGCATACAAGCAAAACACTTCTAAAAAGAAACAGGCAAGAAATTTACAG
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 AAGCCACTCCTGAGCCCCATTCTGAGCTGCCTGAAGTCTCTGAGGCGACACCTCTGGCTGACTGCACAC
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 GAAAAGGAAGAGATGCTTGCCACAGAAGGAGGATCCACCTGAGCTGGATCCAGCTCCTGATCAGTCTGTT
 GTCTCTGACTTGTGCTGTTACTTATTGCCTCTCCCTGCTGCTTCTGAGGGAGGGCCAAATGCCGGTACCA
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 AAAAAACCGGGACTAAGACCGAAAGCAGTCTTGCCTTGTGCTTCTGTGACCCACCACGGTCACATTGTG
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 ATCCTTGTGAGATCCTTACCATTTCAGAGAGTATGAATATAAAGTGTGAGAAAGAGAGTGAATGCCTAGC
 TCCACAGGGAAATCTGCAGGGCAGCCCTTCTCAACTGACTCAAAAAGAGAACATAACTGTTGAGAAGAT
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 GCAGCACTGCTAGTGGTAGAGAAAGGAAGTGGAGAAGACACACTATGATTGTGAGGGTCAAGATTCATA
 CCTGGATCAAAACAGGAACCCCTGCATCTTCTGCAGTGGGGAAAACCTGTAGGGATTGGTTAGGGAAAT
 TCCCAGCTGATTGAAGAGCTGTCTAACACCATAGAACAAGCTTTTCAGAGACCAAGGGTAAAAGCAAAG
 TGAGACGCAGCACAAGGCTCCAGAAAGACTTGGAAAATACAGGGCTAGTATGGCTGTCTCCAAGTCTTCT
 CACTTTTCGAAAACAAAAGGAGAATGACAATTTGTACCTTAGACAGCAGGGGATTTGAAAGTACATCC
 TCAAAGAAGAGACTCTATCCTCAGGACAAAATCCAGGGCCCTGCCATCTATCTCAGGCAGTGTGAGGCC
 AGGGTGTGGTTCTTCTGAGCTACCCAGGAAGAGGAGGAAAAGCTTTTGCCTGTCTGCCCTCAGATGG
 TAACAGTATGACTCAGCTACCACACTTCAAGAGAAAACCTCTCTCAAGAAGGGGAAGGCACTCAGCTT
 CCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001107273
Insert Size:	2946 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:	<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_001107273.1</u> , <u>NP_001100743.1</u>
RefSeq Size:	3647 bp
RefSeq ORF:	2946 bp
Locus ID:	305984
Cytogenetics:	15p12