

Product datasheet for **MC202058**

Cdca5 (NM_026410) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdca5 (NM_026410) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdca5
Synonyms:	2610036L13Rik; AL024086; AW536684; C85404
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC052904 sequence for NM_026410
AAGAGGTAATCCTGGCGGAGCCTGAGTAGGCGACCGCGGCGGAGACTGAGCCCGACCGTACACATGGCG
GAGCGGCGAACACGATCAGGAGGGGCTGCCAGCGGTCTGGGCCAGGACTTCACTTACTAAGCCTTCGA
AGTCGTCCAAGCGGAAATCTGGCTCAGATCTCCCGAACTGTTCTCTGAAATCTGGCCGAGGACAACCTCC
AGCGGTCCCAGTCAGAAAGGCCATCGTCTTGAAGAAGATCGTAGCTCATGCAGTAGAGTCCCAGATGTC
CACACGGTTCGAAGAAGTCTTAGGATCTCTTTATTTGGAAAAAGAGAACAACCCTCCGCTCAAGGTAC
CCACGAAAGAAGACCTCTCAAGACTTGTAGTGTCCCTGGTACTCCCTCCAGCACCCCGTGTGTACAC
TCAGAATGTTGAGCCTGACTCTGGAGAAGCAGAGCTGGACAGCAGAGACCTGGAAATGTCTCAGAAAGTC
AGGCGGTTCGTACAGTTCGGCTACAGAGCCTTGGTTGTGCCTCAACCTCCACCCCTGGCCGCGGATCCTTCT
TTGGCTTTGAGGGACCTGACGACTTGCCTGGAGTCTCACCTGTCTGTGTCAAAGTTAATCGAGACCCC
AAAGGTACCTGCAAAGGACTTGGTTCGGCTAGAACAAGGACTTGGTTCAGATAGTACGAAGGACTTG
GTTCCGGCTAGAACGCTCCCTGGAATCTCTCCCCAGTTGTAAAGAGAAACGAAAGAAGAAGGTTCTGT
AAATCCTGAAATCAGAGCTGGATAAGTGGGCTGTGGCCATGAATGCTGAATTTGAAGTCCCGAGCAGTT
TGAGCTTCTGATTGAATGAGATGAAGTGGGATGCCCGTCATTAAGTGGGGTGACCTGGCTGGCTCTCCCC
TCTTCTGTACATATTGCCTTTTGTAGTAGAGCAGGATATGTGGGGTCCCTTTCAC TAGCCTTGTACCCA
GAAAGGATTGCTGGCCTTGTATATTGTGTCTCCTTGCCTGGACTGTCTACCTCTACAGCGTTGGG
GATGAGAATCCACTGCTCTGAACCGGAACTGTCAGAAACAGGGTTAGCCATGGGCTGTCTGTCTGTGTC
ATTCAGCCACCAACCAGCAGAGAGGTTTTGTGTTCTGCTTTGGTCTGTAGAGTTGAGAGATCTCAAAGA
CCAGGGAGACAGTTAAATGCTTGAGGGAGGATTTTACATTGAGTCTCTGGAGTCCAGGATATGAACGGG
AGGAAGCATAATTGGTTTTTAACACAGTGACTTATGTAGGAACTGGTCCGTGTCTGTGCTGTCTGTTGA
CATTGGTGAACGGGGTGTCTGCTTACAGCAAAGTGGGTACACTTGATAGCGTGGGCTCGGATGCACC
AGTGTAAAGCTTTATAGTCTCTGCTTTGACCTCTTCTCGCCACATCTGTTTCTTTGAATACAAGCTGT
GTGGCCTCAGCCCTAGACACCATGTCACCTCATCTCACCTACTAGACAGCTTTTGTGTGAGCTTAAA
ACTATTGCTCTCATGTGAGACCAACCACTTCTGGGGTTGCTGGGAACAAAAGTGGATGTATCATGGCTT
CTAAGGTTCTTCTGCCTGCCACCCCTCAATCATGGTAAAAGCTGTGGTTTAAAGGCCATTGGCCTTCC
AACCTTTACAGTTCACGAGAGCAGAAGCTGTGGGAATGAGAGCTCAGGTAAGCTCCTGCTCCACCAGGG
TGGCTTAGTGGATCACTCCTGCAGGCTCAGTCTCACCCGTTCTGAATCATGTGAATTGCTACCATCA
CTGCAGACCTACCTGCCTGTGAGGAACTAGTGTGCAGCCTAAGGGCAAGGTGGCTTGATCTCAAATAAAC
TGTGTAGAAGTTAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_026410

Insert Size: 795 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: [BC052904](#), [AAH52904](#)

RefSeq Size: 1915 bp

RefSeq ORF: 795 bp

Locus ID: 67849

UniProt ID: [Q9CPY3](#)

Cytogenetics: 19 A

Gene Summary: Regulator of sister chromatid cohesion in mitosis stabilizing cohesin complex association with chromatin. May antagonize the action of WAPL which stimulates cohesin dissociation from chromatin. Cohesion ensures that chromosome partitioning is accurate in both meiotic and mitotic cells and plays an important role in DNA repair. Required for efficient DNA double-stranded break repair.[UniProtKB/Swiss-Prot Function]