

Product datasheet for **MC202258**

Cdca4 (NM_028023) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdca4 (NM_028023) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdca4
Synonyms:	2410018C03Rik; HEPP; SEI-3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC055824 sequence for NM_028023
 GTGCGGCGGCCCATGGCGACCCCTTTGTGGGCGCTGACCGATCCGGGTGCCCGAAGGAGTGGCGGGTCT
 GCCTTGCGGGCGCCGTAAGTGTGTAGCTGGTTTGGCCTTCGAGCTTCTGCGGCATGGGCGGCGTCGGCG
 CAGAGCACCCCGGGGCGGTTCGGGCGGCTCAGGGTCTCGGGCTTCTGCGCCGGCCCTTCGGCGC
 TCACGACGCCCGCGGTGTTGAGTGACACATACCGAGAGCCGAGCGGCGGGTCTGAGCTGGCCGTCGCG
 CCCTCCGCCACGCTCCCTGCTCCGCTCTCTTCTCCGCTGGCCTTGCTTCTCCGCGTCCCT
 TTCTTTGGTTACCCCGCGTCCGCTTCCACCTCACCTTTCGAGCTGGCCGCGCTTGCTGTGCGCAGT
 TTCGGGGACTGGACCTTCCCTGGCTTTTAGCAGCGCCGAGCCCAACCGTCTGTCTGCTGGCCAGGGAC
 CGATTCGCGATTCCGGGAGGGCTGGGTGGGCTCCGTGCAGCCGCCCGCTGGACAGGATGTTTGCTAGAG
 GGCTGAAGAGGAAATATGGTGACCAGGAAGAAGGAGTAGAGGGTTTTGGCACTGTCCCTTCTATAGCCT
 GCAGCGACAGTCACTCTGGACATGTCCCTGTCAAGCTCCAGCTCTGTACATGCTAGTGGAGCCCAAT
 CTCTGCCGCTCGTCTCATCGCAACACAGTCCGGCAGATCCAGGAGGAAATGAGCCAGGATGGTGTGT
 GGCATGGGATGGACCCAGAATGTAGATCGGGCACCAGTTGAACGCCTGGTGTCCACAGAGATCTGTG
 TCGTACAGTGAGGGGAGCTGAGGAAGAGCACCTGCTCCTGAACTGGAAGATGCTCCCTGCAAACTCG
 GTTCCGAGCTCCCATCGTTGGCTCAGCACAGGGCAAAGAACCTCAGAGCAGCTCTGGGAGATGG
 ACAGCCACAAGAGAACAGGGGAAGCTTTCAGAAGTCACTGGACCAGATATTTGAGACCTGGAGAACAA
 AACTCCAGTTCAGTGGAGGAACTTCTCAGATGTGGACAGCTCTACTATGACCTGGACACAGTGCTA
 ACAGGAATGATGAGTGGGACCAAGTCCAGTCTCTGCAATGGCCTTGAGGGCTTGTCTGCAGCCACCCCTC
 CTCCCAGTTCCACTTGCAAGTCTGACCTGGCTGAGCTGGACCATGTGGTAGAGATTCTGGTGGAGACCTG
 AGAGGCCACCCAGTGGGCTAAGGGTGAGGCCACCAGTCCCATGGAGCTCACGTGTGTTGTGACCCAGA
 GACAGATAAGCACTTGTCTAAGAGGGGCTCTGGCTCTTGTAGCTCATTATCCTTTGTGTGACATTGGAC
 TCACTGTGGAGGATGGTGTGCACAGCTATGTCTAGTCTATTTTCAATTAGATAGGTGAACCTTTCTAAAA
 TTAAGTTTTATATGTTTTGGCAATATTTGTCTTAAGATATATTTTTAAACTTTTTACTTTAGAT
 TTTTTAGCTATTTTTCTAAAAGTATATTTTTCTACAAACATCCTCTGCTGTACATTAGAAACATTT
 ATAACCTAAATACGATTGGTGTGCATTTTAAAGGTTTAAATAGAAAACCTTTTTGTTACTGAGTCTCT
 AACTCCAAAGCAACTGTAATGTAGCCGGCGGGTGTACATGAGAGGCTCCAGTATGGTCTACATT
 CTAGTAGAGCTTGAAAAGAACCATGCACAGCTCCACTGCCCCCTCACTGGGTCTGCTCTGGCGGATCGGA
 GCTCTCTCTAGCCCGTGTGCAGGATGGCTTTATTTATGCCTATTTATGTAATGCCACTGAAAGC
 TAAGGTCTTACTCTGAAAATCCCAACACCAGTCTTCAGGGACTGCTGTGAGGCAGTGCCTTATGCAGG
 TCTTGTCTTGGCCATCACTGTCTGGTCCCAGCCAGCATGTGACATGAGGACATGACATGCCCGAA
 CCACCCAGCACCATGCTCCATGTCAAGTGTGTACGTGGAGACCACTGGCTCCCAGGCCTGTGCTCAGA
 GAGGGTGTGACGTCTACGTGTGCTGGGGGGACGACGGTACCTGTGCTTGCTTTTAAAAATGGTG
 CTTGGACGTTTTAAGGTTAAAAACAATCCGACTCCATATGATTTAGGGCTCCTCCACCCTGGGGTGGCC
 CTATGCTGTCTGCTTGGATCTCAAAGTCTTGGTACTCGGCACTGTGAGCTCCACCCATGTATCCTTTT
 TGTTTTCTTGTGCTTTTTTTGGACTTCCCAACCTGAGCCTAAGGTTTTATTTTATATGTCTTCAATAT
 CAACAATGTAACCTCACTTTATTTAAAGTATCCAGCAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_028023

Insert Size: 714 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: [BC055824](#), [AAH55824](#)

RefSeq Size: 2432 bp

RefSeq ORF: 714 bp

Locus ID: 71963

UniProt ID: [Q9CWM2](#)

Cytogenetics: 12 F1

Gene Summary: May participate in the regulation of cell proliferation through the E2F/RB pathway (By similarity). May be involved in molecular regulation of hematopoietic stem cells and progenitor cell lineage commitment and differentiation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) differs in the 5' UTR compared to variant 2. All variants encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.