

Product datasheet for **RN207724**

Cdca5 (NM_001115042) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdca5 (NM_001115042) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdca5
Synonyms:	RGD1560863
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207724 representing NM_001115042
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGAGCGGCGAACACGATCCGGAGGGCCGTCCAGCGGTCTGGGCCAGAACTTCACTTACTAAGC
 CTTCAAAGTCGTCCAAGCGGAAATCTGGCTCAGATCTCCGAACACGTTCCCTGAAGTTTGGCCGAAGAC
 AACTCCAGCAGCTCCAGTCAGAAAAGCCATCATCTTGAAGAAGATTGTACCTCGTGCAGTAGAGTCCCA
 GATGTCCACACACCAGTTCGAGGAGTCTAGGATCTCTTTTATCTTGGAAAAAGAGAACAACCCTCCAC
 TCAAGGTGCCACTAAGGAGGACCTCTTCAAGACGTGTAGCGTCCCTGGCACTCCCTCCAGCACCCCGT
 GCTGTGCGCTCAGAATGTTAAGTCTAAGTCTAGAGAAGTGGAGCCGACACCAGAGATTTGGAAATGTCT
 CAGAAAGTCAGGCGGTCTACAGTCGGCTACAGAGCCTCATTGTGCCTCAACCTCCACCCCGGCCGCC
 GATCCTTCTTTGGCTTTGAGAGACCTGAAGACTTGCTGGAGTCTCACCTGTCTTGGTCAAAGTTAAT
 GGAGACCCCAAAGTGCCTGTGAAACACTTGGTCCAGATAGAAGCTCCCTGGAATCTCTCCCAATT
 GTGAAAGAGAAAAGAAAGAAAGGTTCCCTGAGATCACGTCTCCACAGCCAAGAAGATCGCCCTTACA
 AGCAGATTTTGAACAGCCATGCAGCCTACTGAGCCACAAC TAGAAGAACCTAAGGACTCCGACGTGGA
 GCCATCTTCAGAGCAAATGTTGAACGAGCAGCCGGAACCCACTGTCACATTCTGTTCACACTCCTGAAC
 ACTCCTGAGCCCAGAGATGAAGAAACGGACACAGAGATATTGGAGAATCAGTTTCGTGGATCAGGATGACT
 GGGGCCCTAGGCGGACCTCAGAAGAAATACAGCTTTTGCAGATGGACTGCAATAGGCTTCAGGAAGTCT
 GTACGCTAACCAGAGGGAAAACCTGATCCTTGAAGAGAAGCTAGAAAACCTGCCTACCTTGTGTACGGG
 GACCTGGAGAACATTTTATCAGTCCAGAGGAATCTAGGGTCACCCAGGACACAGATAAAAAACCCAAG
 GCCAAGCAGAGGACATCTATGAGGAAGCAGAGGACATCCATGAGGAAGCAGAGGACATCCAGGGAAGC
 AGGGGTTACCCAGGAGGAAGTCCAACCTCTTGCACAACCAAGAGTGTCTGGCCCGCGCTACTCCTTT
 GATGTTTCCATACCTTTGCCAGCATCCAGCGTATTTCCAGAAGATTTCATACAGGAATGCCCCACCGTCA
 GCCCTCTTTAAGCCCCAGCAATAAAGATCCCCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001115042

Insert Size: 1368 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: NM_001115042.2, NP_001108514.2
RefSeq Size: 1508 bp
RefSeq ORF: 1368 bp
Locus ID: 684771
Cytogenetics: 1q43