

Product datasheet for **RN203099**

Cdcp1 (NM_001106869) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdcp1 (NM_001106869) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdcp1
Synonyms:	RGD1305578
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN203099 representing NM_001106869
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCGCTCGGCCTGCGGGTTCTCAGTCGCTCTGCTGGGACCCTGCTGCTGGGACCCGCTGCCTGC
 TGC GCGGGACAGAAGCATCTGAGATTGCTCTGCCCGTGGAAAGTACATTACAGTGCACATCAAGCTGGT
 GAGCCAGCCCTTCCAGTGAAATTCTGCTACATCGTCGTGCTAGACAGCATGTGACTGAGTTGACTATC
 AGACCTGGAGAAAGAAAGTCTTTTACCTTTAGCTGCAACAATCCAGAGAAGCACTATGTCTGAAGATTG
 AGAAGAATATTGACTGCATGTCAGGCCCGTGTCTTTGGAGAGGTTCTGCTTCCAGCCATCCAAATCAGA
 ACTGCCATCCTCAACAGAACCTACATCTGGGACGTGAGAGCTCATAAGAGCATTGGCCTGGAGCTGCAA
 TTTGCAACCCCTCGACTGAGGCAGATTGGGCCAGGAGAGAGCTGTGCAGATGGGTAACCCACTCCATCA
 GTGGCCACATAGATGCCACCGAGGTGAGATTGGGACCTTCTGCAGTAACGGCACCGTGTCCCGGATCAA
 GATGCAAGAGGGTGTCAAGATGGCCTTACACCTGCCCTGGTTCACCCCGAGGAACATCTCAGGCTTCAGT
 ATTGCAAATCGATCGTCTATCAAACGCCTGTGCATCATTGAGTCAGTATTTGAGGGTGAAGGCTCAGCAA
 CCCTGATGTCAGCCAACCTACCCAGGAGGCTTCCCTGAAGATGAGCTTATGACCTGGCAGTTTGTGTCCC
 TGCACACCTAAGGGCCAGCGTCTCCTTCCCTAACCTTCAACGTCTCCAACCTGTGAGAGGAAGGAGAGCGT
 GTTGAGTACTATATCCCAGGATCCACCACCAACCCGGAGGTGTTGAGGCTGGAGGACCAGCAGCCAGGAA
 ATATGGCTGGAACTTCAACCTCCTCCTGCAAGGCTGTGACCAGGATGCCAGAGCCAGGAATCCTTCCG
 ACTCCAGTTTTCAGGTCTGGTCCAACGTCCACAGAATGAAAGCAATATAACCTACATGGTGGACCTGAGT
 CAAGAGCGAACCATGTGCTCACCATCGAGCCCGGCCAGTCAAACATGGCCGAAGGTTTGTTCCTGGGT
 TTTTCGTGTGTCTAGACTCTCGGACTTGTAGTACCAATGTCACCTGACGGCTGGCTCCAACACAAGAT
 TTCCTTCTGTGTGATGACTTGGCTCGCCTGTGGATGAATGTGGAGAAAACCCCTAAGCTGTCTGGACCAC
 CGCTACTACTACGGGAAGTCTTCAACCTGCAGGTGCCTAAGGACATCCTCCAGTGCCTGTGCAGCTGC
 ATGACTTCTCCTGGAAGCTACTGGTGCCCAAGGACAGGCTCGGCCTTATGCTGGTGCCAGGCCAGAAGCT
 ACAGCAGCATACAGAGAGAGGCCTTGTAAACACCGCTTGGTTACCAGGTGGCCAGCACCACCCCTGGC
 CAGGACCTGTACTTTGGTTCCTTCTGCCAGGAGGCTCCATCGAGAAGATCCAGGTGAAGCAAAATAGCT
 CGGTGACACTGCGAACCTATGCCCCCGGCTTCAACAAGAAGTCTCAAGCAAGTCTGACAGTGTCTTT
 AATACCATACTTCAAAGAGGAAGGCATCTTCCCGTGACCCAGACTCAAAAAACAAGGTCTACCTGAGA
 TCACCAACTGGGACCGTGGCCTGCCTGCCCTCCTCAGTGTCTTGGAAATCAGCGTGCCAAGCAACC
 AAGTGGCTTGTCTGACCTTCTTCCAGAGAGCGTTCGGCTTGGCCTGTGAGTCCAGGCGAGCATTCATGAT
 CATCCAGGAGCAGCAGACCCGGGAGAGGAGATCTTCCAGCTGGAGGAGGAAGTGTGCCTAAGCCAAGT
 TTCCACCATCACAGTTTCTGGGTTAACATCTCCAATTGCAGCCCCATGAATGGCAAGCAGTTAGATTTGC
 TCTTCTGGGTGACTCTTACCCCAAGGACTGTGGATTTGACTGTATCATTGGTGCAGCAGGAGGCGGAGC
 TCTGCTGTGTTGCCCTGGGGCTATCATCTGCCTTGTGAAAAAGAAGAAGAAGGTGGACAAGGGTCTCT
 GCTGTGGGTATCTATAATGGCAATGCCAATACCCAAATGCCCCAGACTCAAAAGTTTCAGAAAAGGCGAA
 AGGACAATGACTCCCATGTGTATGCTGTATCGAAGACACCATGGTGTATGGGACCTGCTGCAGGACTC
 GGGTGGATCCTTCCATCAAGCAGAGGTGGACACCTATCGGCCCTTCCAGGCCCCATGGGAGACTGCCCC
 CCCAGCCACCCCTATATTCTCCAGGACCCCAACTGCAAAGTTCACTGCAGACAAGCTGGCTCCTAGTA
 GCCCTCCTGAGTCTGAGAGTGAACCCTACACTTCTCGCACCCCAACAAGGGGAAGTAGGTGTCAGGGA
 TACTGGCATCCCCTTACTTAACATCCAAGGACCAATGGAGACTGAAGAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2475_e01.zip

Restriction Sites: SgfI-MluI

ACCN: NM_001106869

Insert Size: 2502 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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_001106869.1](#), [NP_001100339.1](#)

RefSeq Size: 5232 bp

RefSeq ORF: 2502 bp

Locus ID: 301082

Cytogenetics: 8q32