

Product datasheet for **RN209056**

Ccnt1 (NM_001108110) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccnt1 (NM_001108110) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ccnt1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN209056 representing NM_001108110
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGGAGAGAGGAAGAACAACAACAACCGGTGGTATTTTACTCGAGAACAAC**TGGAAAA**CAGCCCAT
 CGCGTCGTTTTGGCGTGGACTCAGATAAAGA**ACTATCTT**ATCGCCAGCAGGCGCCAATCTACTCCAGGA
 CATGGGACAACGTCTTAACGTCTCACA**ACTGACGATCA**ACTGCCATAGTATACATGCACCGGTTCTAC
 ATGATCCAGTCTTTTACACAGTTCATCGATACTATGGCTCCAGCGCCTTGT**TTCTAGCAGCAA**AG
 TAGAAGAACAACCAAAAAA**ATTGGAACATG**TCATCAAGGTGGCACACACTTGCCTCCATCCACAGGAGTC
 GCTTCTGACACGAGGAGTGAGGCTACCTACA**CAAGTCA**AGATCTGGTGATTTTAGAGAGCATAATT
 TTGCAGACCTTAGGGTTGA**ACTTACA**ATTGATCACCCACACACATGTGGTAAAGTGCACCCA**ACTTG**
 TTCGAGCAAGCAAGGACTTAGCACAGACATCTTACTTCATGGCA**ACCAACAGCCTGC**ATTGACCACATT
 TAGCCTGCAGTACACACCTCCTGTGGTGGCCTGTGCATACCAGGCTGCCATGAAA**ACCAACCGGATG**AC
 CGGGGAGCGGATGAAAACACATCGGAGCAGACGATTCTCAATATGATTTCTCAGACCTCTTCAGACACAA
 CTATCGCAGGCTTAATGAGCATGTCAGCCCGCTACAGGTGCAGTGCCTTCCCTGCCTGCCTCTGAAGA
 GTCCTCGAGCAGTCTAACTAGCGTGGACATGTTGCAAGGCGAGCGGTGGCTGTCTTCTCAACCTCCCTTT
 AA**ACTAGAGG**CTTCTCAGGGTACCGACTAGTGAGAA**TTTAGC**ACTTATTGGAGTTGATCATTCCCTTG
 AACATGATGGTTCGAATGCATTTGTTCC**CAGAAGC**AGACTAGCAAGAGTGTGCCATCAGCTAAAGTTTC
 ACTTAAAGAA**TACCGT**GCAAAGCACGCTGAAGAGCTGGCTGCTCAGAAGAGGCAGCTGGAGAACATGGAG
 GCCAATGTGAAGTCA**CAGTATGC**ATATGCTGCCCAGAA**TCTC**TATCTCATGACAGCCATTCTTCAGT**TA**
 TTCTGAAAATGCCATCGAGGGCTCAGAAAATCCTGAACGTCTTTTCTGGATAAGGCTGACAAATCAGC
 CCTGAAAATGAGACTCC**AGTGGCTGG**TGAGATAAAGCGGCCTCTTCAA**ACCGGAGG**AGATAAAAATG
 CGCATTAAAGTGC**ACTCTGC**AGGTGACAAGCAC**AACTCTG**TAGAAGACAGTGTG**CCAAGAGC**CGAGAGC
 ACA**AGAGAAGC**AGAGGACTCACCCGTCTA**ACCACCACCACC**ACAACC**ACTCAC**ACAAGCACTC
 TC**ACTTACAG**CTGCCAGTTGGCCCTGTGAGCAAACG**ACCAAGT**GATCCAAAACACAGCAGCCAGACAAGC
 ACCTTAGCACACAAA**ACTATAG**CTTGTCTAGTACTTTGTCTTCTTCAAGCTCTACTCGTAAAAGGGGGC
 CCCCAGAAGAGACTGGGGCAGCAGTATTTGATCATCCAGCCAAGATTGCCAAGAGTACTAAATCATCTTC
 CTTGAATTTCCCTTCCCGCCTTCTCTACAATGACCCAGTTGCCTGGGCATAGCTCAGACACAAGTGGC
 CTGCCCTTTT**CACAGC**CTAGCTGTA**AAACCAG**AGTTCTCATGTGAAACTGGATAAAGGCCCTCCTGGGG
 CTAA**CGGTCA**CAACA**ACTCAGT**CAATAGATTCAAGATACTGTGAATATGCTCCACTCCCTGCTTAG
 TGCC**CAAGGT**GTT**CAGCC**ACTCAGCC**CTGC**ATTTGAATTTGTCCATTCTTATGGTGAATATATGAAT
 CCGAGAGCTGCTGGCATCTCAGATCTGGCAACACAGACA**AACTCG**GCCACCACCCTCCCGTCAGAGC
 CCCCTCCACCTCTTCCACCTCTTCTAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAA**ACTCAT**CTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108110

Insert Size: 1992 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_001108110.1](#), [NP_001101580.1](#)

RefSeq Size: 1992 bp

RefSeq ORF: 1992 bp

Locus ID: 315291

Cytogenetics: 7q36