

Product datasheet for **RN213372**

Cdt1 (NM_001106192) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdt1 (NM_001106192) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdt1
Synonyms:	Ris2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213372 representing NM_001106192
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCAGAGTCGTGTTACCGATTCTATGCGTGCCGTCGTCCGGCCCTTGCGATTCCGCGAGCCAAGT
 CGACCTGTCTACCCCGAGCCCTGGTGGGCTCGTGGCTCCTGAGTTCACCCGGAGCAGCAGCCGCAAGCG
 CGTCCGGCCCCACGCCGAACCCGGGAGCGACCAGCCCGCGCCCGCCGCGCGCCGGAGGCTACGGCTACCT
 GGATTGGATTCTGTCCAGTTTCCAGCTGACCCAGCTCTCCAGCTGACCCAGCTCCCCAGCTGACC
 CCAGCTCCTCCGTTTGCCATCCCCGCTGCCCCATCCCCGTAAGAGAACAAGAGTACTACAGTTTC
 TAGAGGTCACAGCAGAGCAAGGTCCCCTCCAGGACTCCATCTCCGAGCTCCAGTCTGCCTGAGGCAG
 GCACGTAAGTTGGGAGCCAGGCAAGGGCCCTGAGAGCGAGAGTCCAAGAGAATGTTGTGGAGCCTTCTA
 CCCCAGATACCAAGGAGCCACAGAACAACCATGTGTCGACAAAGCTCCTGCCTACCAGCGCTTCCATGC
 CCTGGCCAGCCTGGCCCTCCCCGGCCTGTCTACCATAAAGTATCAGGTGCTGGCCGAGATGTTCCGC
 AGCATGGACACCATCGTGAGCATGCTTCAACCGCTCTGAGACCGTCACCTTTGCTAAAGTCAAGCAAG
 GGGTTCAGGAGATGATACGAAGCGCTTTGAAGAGCGCAATATGGGCCAGATCAAAACCGTGTACCCCGA
 GTCGATTCTTCCGCCAGGAGTGAACGTCCTTCAAGGACAGCATCAAGAGATCTGATTACCAG
 CTCACCATCGAGCCCTTGTGGGCCAGGAGGCTGGTGGTCCACCCAGCTCACAGCCACGGGTCTCCTGC
 AGCGCCGGCAAGTCTTCCGGCAGAACCTGGTGGAACTGTTAAGGAGCATACAAGGTTTTCTGGCGTC
 CTTAAACCCCCCATGACGGTGGCCGAAGACCAGCTGACACGCTGGCACCCGCTTCAATGTGGATGAG
 GTGCCTGATATTGAGCCGGCCGAAGTCCCCAGCCTCCCGTACAGAGAAAGCTCACTACTGCCAGGAAG
 TGTTGGCCCGTGGCCGAACTTGTGACGCCAAGATGGAGAAGCGTTGAGTAACTGGCCCTGGCCT
 AGCTGAGCCTGGTAGCCCTGGGACCTCTAGTCCAGCCCTCCAGCCACTCCACCAGCCACCCCGCCGCT
 GCCTCTCCTAGTGCCCTGAAGGGTGTGTACAAGCACTGCTGGAGCGGATAAGAGCCAAGGAGGTCCAGA
 AGCAGTTGGCACGGATGACAAGGTGCCCTGAGAAGGAGCTTCGGCTGCAGCGTTAGAAGCTTGGCAGA
 GCTGGCCCGTGTGCTGCGCGGTGTCTTCTGTCTGAGCGGAAGCCGGCGCTCACCATGGAAGTGGTCTGT
 GCAAGGATGGTAGACAGTTCCCGAGCCGCCCTGAGCCAGGGGAGATGGAGAAACACCTGTTGCTCCTGG
 CCGAGTTGCTGCCAGACTGGCTCAGCCTGCACCGCTTCGACCGATACTACGTCAGCTGACAAAGC
 CGCTGACCTGGCTGGCCCTACCCGGAAGCTGGCCCGCCAGGTCCACGCCGAGGGGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001106192
- Insert Size:** 1671 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_001106192.1](#), [NP_001099662.1](#)

RefSeq Size: 2239 bp

RefSeq ORF: 1671 bp

Locus ID: 292071

Cytogenetics: 19q12