

Product datasheet for **RN205636**

Cdc6 (NM_001108298) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdc6 (NM_001108298) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdc6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205636 representing NM_001108298
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCTCAAACCCGATCCGACAGACAAGCTACCATCGACTTTCGAAAAAGAAGCAATCTAAGACCTGA
 GCAAGACAAACTCCCGTGACAGTGAAGTAAAACCTAGAAAAGTCCAGCCTGTACCCACCCTCCGTGTGC
 GGACATAAAAAATCTGCCTCTCAGTCCCGAAAAACGTTTGGGTGATGACAATCTGTGCAACTCCCAT
 TTATCTCCATGTTCTCCGCCAAGCTGGCAGGAAGGAAAACGGCCCCCTCGCTCACATACACGGAAGG
 GATGCAGATTAATATTCGATGATGAGCTGGCAGTTAAGGCTTCCGCCAAAAGAACAAGACAGAGTTCC
 CCAGCACAAATACTTCTCCGCTCAAAGAGGTCAAGAGAGCGAAAACAATCCTGAGCAGAAATGCCCA
 CCAGAGAAGGAATCCGCGTGTATGCGACTGTTCAAGCAGGAAGGCACTTGTATCAACAGGCAAAGCTTG
 TCCTGAATACAGCTGTCCCGACCGGCTGCCTGCCAGAGAACAGGAGATGGGTGCATCAGGGATTTCT
 GAAGGAGCACATCTGTGGAAAAAGCTGGGAGTCTCTACCTTTCTGGCGCTCCTGGAATGGGAAAAC
 GCCTGTTTAAAGCCGATTCTGCAGGACTTCAAGAAGGAAGTAAAAGGCTTTAAAACATATCGTGTGAATT
 GCATGTCCCTGAGGAACGCTCAGGCCGTGTTCCAGCCATTGCTCAGGAGATTGGTCGGGAGGAACTCTG
 CAGACCCACCGGGAAGGACTTGATGAGAAAAGCTGGAAAAGCACTTGACAGCCGAGAGGGGCCCATGATT
 GTGTTGGTGTGGACGAGATGGATCAGCTGGACAGCAAAGGGCAGGATGTGTTATACACCCTGTTTGAGT
 GGCCGTGGTTAAGCAATCCCGATTGGTGTCTATTGGTATTGCTAATACCTGGATCTCACGGACAGAAT
 TCTGCCGAGACTTGAAGCTAGAGAAGGCTGAAGCCGAAGCTACTGAACCTCCACCTTACACCAGGAAT
 CAGATAGCTGCGATCTTGACAGGATAGGCTTAGTCAGGTATCAAAGACCAGGTTCTGGACAGTCTGCCA
 TTCAGTTCTGTGCCCGCAAAGTATCTGCTGTCTCAGGGACATCCGAAAAGCGCTGGATGTTTGCAGGCG
 AGCTATTGAAATTGTGGAGTCGGATGTCAGGAGCCAGACAGTCCCAAACCACTCTCCGAATGTAATCA
 CCCTGCGAGTCGCTGGTCCCAAGCGTGTCCGTTCTCGCTCACATATCCCAAGTCATTTCCGGAGTTGATG
 GTAACAGGGTGACTTTGAGCCAAGAAAACACACAGGATTCCTTCTCCAGCAGAAGATCTTGTTTG
 CTCTTTGCTGCTTTGACCAAGCGGCTAAAAATCAAAGAGGTACCCTGGGGAAGTTATATGAAGCCTAC
 AGTAGTGTCTGTCGTAACAGCAGGTGGCAGCCGTAGACCAGTCTGAGTGTGTTGTCCTTTCTGGACTCC
 TGGAAATCCAGGGCATTGTGGGACTGAAGAAAAACAAGGAGGCCGCTCACCAAGGTGTCTCTGAAGAT
 TGAAGAAAAGGAGATAGAGCATGTCTAAAAGGCAAAGCTTTCATTGGGAACATCCTCGTCCGGGCTG
 CCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108298
- Insert Size:** 1686 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_001108298.1](#), [NP_001101768.1](#)

RefSeq Size: 2672 bp

RefSeq ORF: 1686 bp

Locus ID: 360621

Cytogenetics: 10q31