

Product datasheet for **RN206295**

Cdc7 (NM_001108352) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdc7 (NM_001108352) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdc7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206295 representing NM_001108352
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGAGCCAATGGCGTTTTCTCCCCTGCGTGGCTGTGACAGGTGTCCGGCTGATGACTCTTTAAAAA
 AATATGAGCAGAGTGTTAACTTTCAGGTATTAAGAGATATTGAGGAGCTTTGCGAAGCCGTACCACA
 GCTTGTCAAGTGTTCAAAATTAAGGACAAAATCGGAGAAGGCACCTTCAGCTCTGTTTATTGGCCACA
 GCGCAGCTGCAAGAAGGACGTGAAGAGAAGATTGCGCTGAAACACTTAATCCCACAAGCCATCCTGTGA
 GGATTGCGGCCGAGCTTCAGTGTCTGACCGTCGCAGGGGGCAGGACAATGTCATGGGAGTGAAGTACTG
 CTTCAGGAAGAACGACCATGTGGTGATTGCTATGCCCTACCTGGAACATGAGTCTTTCTGGACATTTTG
 AATTCTCTTTCTTTCAAGAAGTTCGAGAATATATGTTCAACCTTTTCGAGCTCTGAAGCGGATCACC
 AGTTTGGCATTGTTACCGTGATGTGAAGCCAGTAACTTTTTATACAATAGACGCCTGAAAAAGTATGC
 CTTGGTGGACTTCGGTTTGGCCCAAGGAACCCGTGACACAAAAGATAGAGCTGCTCAAGTTTGTCCAGTCT
 GAAGCTCAGCAGGAAGATTGTTACGAAACAAATGTCATGGAGTATTGGACACAAGGGCCCACTGAGTC
 GCCCAGCACCTAAAAATGTGGATCAGCACATCACCAAAAAACTTCTGTCAAAAAGATCCTATGCAACGC
 ACAGATTCACATTAAGCAAGGAAAAGACGGAAAGGAGGGGTCTGTAGGCCTTTCTGTCCAGCGCTCTGTT
 TTTGGAGAAAGAAATTTCAATATACACAGCTCCATTTACATGAGAGCCCTGCAGAGAAACTCATCAAGC
 AATCGAAGACTGTGGACATAATGTCAAGAAAGCTAGCAACAAAAAAGATGGCCGTTTCTACAAAGGCTGT
 GAATAGCTCGATGAGGGACTCTGCCAGGTCTGCCAGCTGCCCTCACGTGCGACTGCTATGGAACAGAT
 AGAGTGTGCAGCGTTTGCCTGTGAGGGCGCAGCAGGTTGCCCTAGGGCAGGCACACCAGGATTCAGAG
 CGCCAGAGGTCCTGACAAAAGTCTCTGACCAGACTACAGCGATTGACATGTGGTCTGCAGGTGTCATATT
 CCTTTCCTTGCTCAGTGGGCGGTACCCGTTTTACAAGGCCAGCGATGACTTAAGTCTTTGGCCCAATC
 ATGACAATTTCGAGGATCCAGGAAAATATCCAGGCTGCTAAAGCTTTTGGCAATCAATTTTGTGTAGCA
 AAGAAGTCCCAGCACAAAGACTTGAGGACGCTCTGTGAGAGACTACGGGGTCCGGACTCTGCCAATCCCAA
 GTCTGCTGTTGATCCTCCAGGGAATACTGGCCACCACCCTGCTGCTTCGGAGAGCACTGACCATAAAGCG
 CCCCATGCACCGGCTCTCCGGCACAGCACTCGGAGGATCCCTGTATAAAAGGGGCAGCGCGGTGGTC
 GGAGACATCCCAGAGATCGAACTGCCAACCCAGAGGGCTGGGACTCGGTGCCTGATGACGCCTATGACCT
 GCTCGATAAACTTCTGGACTTAAACCCAGCCTCCAGGATAACAGCAGAAGCGGCCTTGGTCCATCCGTTT
 TTTAAAGATGTGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108352
- Insert Size:** 1698 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_001108352.1](#), [NP_001101822.1](#)

RefSeq Size: 2917 bp

RefSeq ORF: 1698 bp

Locus ID: 360908

Cytogenetics: 14p22