

Product datasheet for **MC206193**

Cdc7 (BC072666) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdc7 (BC072666) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdc7
Synonyms:	A1597260; Cdc7l1; muCdc7
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC072666
 CGCTCCTGAGGGAAGCGACCGCGGACGTCCTAACTTCTGTGAACCCTGCTGCTCTCGCCTGTGCACATGA
 CCCCCTAGCCCGCTCTTTGCATCCCAGTCGTGCGTAGTGGAAAGCCTCTTTGGGACTCAGATGGAGGAGC
 CAATGGCGTTTTCTCCCTTCGTGGCAGTGACAGGTGCCGGCTGATGACTCTTTAAAAAATATGAGCA
 GAGTGTAAACTTTCAGGTATTTAAAGAGATATTGAGGAGCTTTGTGAAGCTGTACCACAAGTCAAT
 GTGTTCAAATTAAGGACAAAATTGGAGAAGGCACCTTCAGCTCTGTTTTATTGGCCACAGCACAGTTGC
 AAGAAGGACATGAAGAGAAAATTGCGCTGAAACACTTAATCCCACAAGTCATCCTATGAGGATTGCAGC
 AGAGCTTCAGTGTGACAGTTGCAAGGGGGCAAGACAATGTCATGGGACTTAAGTACTGCTTCAGAAAA
 AATGATCATGTGGTTATTGCTATGCCGTATCTGGAACATGAGTCCTTTTTGGACATTTTGAATCTCTTT
 CCTTCCAAGAAGTTCGGGAATATATGTATAATCTTTTTGTAGCTTTGAAACGGATTTCATCAGTTTGGTAT
 TGTTACCCTGATGTGAAGCCAGCAATTTTTTATACAATAGACGCTGAAAAAGTATGCCTTGGTGGAC
 TTCGGTTTGGCCAGGAAACCCGTGACACAAAAATAGAGCTGCTCAAGTTTGTCCAGTCTGAGGCTCAGC
 AGGAAGATTGTTACGAAACAAGTATCATGGAGTCGTTGGACACAAGGGCCTGCTGAGTCGCCCCGCCACC
 TAAAAGTGTGGATCAGCAGTGTACCCAAAAACTTCTGTCAAAAGATCCTACACACAAGTTCACATTAAG
 CAAGGAAAAGACGAAAGGAGAGATCTGTAGGCCCTTCTGTCCAGCGCTCTGTTTTGGAGAGAGAAATT
 TCAATATACACAGCTCCATTTACATGAGAGCCCTGCAGAGAAAATCATCAAGCAATCAAAGACTGTGGA
 CATAATATCACGAAAGCTAGCGCAAAAAAGACGGCCATTTCTACAAAAGCTATGAACAGCGTGATGAGG
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 AAAGTGTCTGACCAGACCACAGCGATTGACATGTGGTCTGCAGGTGTCATTTCTGTCCTTGCTCAGT
 GGGCGGTACCCATTTACAAGGCCAGTGTGACTTAACTGCTTTGGCTCAGATCATGACAATTCGAGGAT
 CCAGGAAAATCCAGGCTGCTAAAGCTTTGGCAAATCAGTTCTGTGTAGCAAAGAAGTCCCAGCACACA
 AGACTTGAGAGCTCTCTGTGAGAGACTGCGGGTCTAGACTCTACCACTCCAGGTCCAGCAGTGTCTCT
 CCAGGGAATGCTTCTATGACCCTGCTGCTTCCAAGAACACTGACCACAAGCATCCCGTGTACAGGCTG
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 CTGCACTTCCAACCTCAGAAGGCTGGGACTCAGTACCTGATGAAGCCTATGACCTGCTCGACAAGCTCTG
 GACCTAAACCCAGCTTCAAGGATAACAGCAGAAGCAGCCTTATTACATGCGTTCTTTAAAGATATGTGCT
 CCTGATACGGCTCTCCACTTACTGTTGCTGCTGTGTGTTGAAGGCGATGTGGATAATCACAGGTTGTTT
 GTGCTGAGTCTAGGTTAGAATGAATAACTTGTTTAAAGTTATAATTTGTTCTGATGTCAGATTATA
 AACAGATTAAGAATCTTAAAGAACAGGGGAACCTTGACAAGTCTTTGAGTTAAACCATCAAGTAGA
 CTCAGATGCTTAGTGCCTGGTTTTCTCTGCCCTCAGGAGCAACCTTACTGAGCCTGATGCATGGGTTGCA
 GGTACAGTGCATAAAGCTAACAGGTATGACAGGGAGAAACTGAGAGAAACTGTTTCTAAGCAGTGTGT
 GGTCTGCACTGTGTGCATGGGGAACTGGCTGTTGGTGGTGTGTGGAAAGTGTGCAAAATGAACAATA
 GTTATTGCAGAGATGTTGTCACCTCCTAACACAGTCATTGTAAGTTACATGGTGCTTACTGCAGTTTCT
 GGGTGCTTCACTAAGTGTACATGTATTTATTTGGAGCCAAATATGTTGTGTATTATTGATAAGACA
 GAAATGCTTCTTTTCTCAGTATTTTTTCTCACATACCTTTGTTTAGTTAGGTAATGGCCACAGGAAAA
 GTGAGCATAGAAGTGGACATTACTGGCGATGTTTTCTGGTTTGGCAGGAGCATCCACATTTCTGCATTTCT
 TGTTCTGAATTAATCTTGGTCAGAGGGAATGGGCTTAAAGTAATTGAGAAAAAGATAAGGGGACAAAGTA
 GTAGAGGGCTCGATACGGAGATTTGTGCATTTTTGTTCTAAACTTCTCTGTCCGAGATAGCATACCC
 AGGCTTCCAGGAGTCAGGATGGACTTGCTGAGGAGTTCCCTGCTTGTATCATCACAGACTAGGGAGCTGTC
 TCTCAGAGTGTACTGTTGTGAACATGGATAGATCAGTGTGCTCATTGATCAATTTGCCATGTGTATA
 TAATGTATATTTGTGTATACACACTTTGCTTATGCTGTAATTTTTTAAAACTTGAATGTTTTGGGA
 TATGTATTTAATAAACTTTTATGATGCTTAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI
ACCN: BC072666
Insert Size: 1695 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:	<ol style="list-style-type: none">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:	BC072666 , AAH72666
RefSeq Size:	2923 bp
RefSeq ORF:	1695 bp
Locus ID:	12545
Cytogenetics:	5 E5
Gene Summary:	Seems to phosphorylate critical substrates that regulate the G1/S phase transition and/or DNA replication. Can phosphorylates MCM2 and MCM3.[UniProtKB/Swiss-Prot Function]