

Product datasheet for **RN213219**

Cdc20 (NM_171993) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdc20 (NM_171993) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdc20
Synonyms:	p55cdc
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213219 representing NM_171993
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGCAGTTCGTGTTTCGAGAGCGATTTCATTCACTGCTTCAACTGGACGCGCCCATCCCAATGCAC
CGATTGCTCGCTGGCAGCGCAAAGCAAAGAAGCCACAGGCCAGCCCTCGCCTATGCGGGCCGCCAA
CAGATCACACAGCGCCGGTCGGACCCCGGGCCGAACCTCTGGCAAATCTAATTCTAAGGTTAGACCACC
CCTAGCAAACCTGGAGGTGACCGCTATATCCCCAACGTAGTGCTTCCAAATGGAGGTGGCCAGCTTCC
TCTTGAGCAAGGAGAACCAGCCGGAAGACGGGGTACGCCACCAAGAAGGAGCATCAGAAAGCCTGGGC
TCGGAACCTGAACGGTTTTGATGTGGAGGAAGCCAAGATCCTCAGGCTCAGTGGAAAACCTCAGAATGCC
CCAGAAGGCTACCAGAACAGATTGAAAGTACTCTACAGCCAGAAAGCCACGCCTGGCTCCAGTCGGAAGG
CTTGACAGATACATTCTCCCTGCCAGACAGGATCTTGATGCCCTGAAATCCGGAATGACTACTCT
GAATCTTGTCGATTGGAGCTCTGAAAATGTATTAGCTGTGGCACTGGACAACAGTGTGACTTATGGAAC
GCTGGTCCGGTGACATCCTGCAGCTGTTGCAAATGGAGCAGCCTGGGGACTACATATCATCCGTGGCCT
GGATCAAAGAGGGCAACTACCTGGCTGTGGCACCAGTAATGCTGAGGTGCAGCTATGGGATGTGCAGCA
GCAGAAACGGCTTCGAAACATGACCAGCCACTCTGCTCGAGTAAGCTCCCTGAGTTGGAACAGCTATATC
CTGTCAAGTGGTTCACGATCTGGCCACATCCACCACCAGATGTTTCGAGTAGCAGAACACCATGTGGCCA
CACTGAGTGGCCATAGCCAGGAAGTATGTGGGCTGCGCTGGGCCCCAGATGGACGACATCTGGCAAGCGG
TGGCAATGATAACATTGTCAACGTGTGGCTAGTGGTCTGGAGAAAGTGGCTGGGTTCCCTGCAGACA
TCACTCAACATCAAGGTGCTGTCAAGGCTGTTGCATGGTGTCCCTGGCAGTCCAATATCTGGCAACAG
GAGGAGGTACCAGTGACCGACACATTTCGATTTGGAACGCTGCTCTGGAGCCTGTCTGAGTGTGTGGA
TGTGCATTCCCAGGTGTGCTCCATCCTCTGGTCTCCCCACTATAAGGAGCTCATCTCAGGCCATGGCTTT
GCCCAGAACCAGCTGGTTATTTGGAAGTACCAACCATGGCCAAGGTGGCAGAGCTCAAAGTACACACAG
CCCGGGTCTGAGTCTCACCATGAGTCCAGACGGGGCCACAGTGGCATCTGCAGCAGCCGATGAGACTCT
GCGGCTCTGGCGCTGCTTTGAGCTGGACCCTGCCCTTCGGCGGGAGCGGGAAAAAGCCAGCACATCTAAA
AGTAGCCTCATCCACCAAGGCATCCGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_171993

Insert Size: 1500 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_171993.1](#), [NP_741990.1](#)

RefSeq Size: 1777 bp

RefSeq ORF: 1500 bp

Locus ID: 64515

UniProt ID: [Q62623](#)

Cytogenetics: 5q36

Gene Summary: may play a role in cell cycle regulated protein degradation [RGD, Feb 2006]