

Product datasheet for **MC220641**

Cdc211 (BC052920) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdc211 (BC052920) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdc211
Synonyms:	p58, CDK11-p46, CDK11-p58, CDK11-p110
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC052920
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCACAGTCTGATGACCGGATTCCAAAAGGGATTCCCTTGAGGAGGGGAGCTGAGAGATCACCGAA
 TGGAGATCACAATCAGGAACTCACCATATAGAAGAGAGGATTCTATGGAAGACAGAGGAGAGGAGATGA
 TTCTCTGGCCATCAAACACCCAGCAAATGTCTCGAAAAGAAAAGGCTCATCACAGAAAAGACGAGAAA
 AGAAAAGAGAAACGTCGACATCGTAGCCATTCAGCAGAGGGAGGAAACATGCCAGAGTAAAGAGAAAAG
 AAAGGGAGCACGAACGCCGAAACGCCACCGAGAAGAACAAGATAAAGCTCGAAGGGAGTGGGAAAGACA
 GAAGAGGAGGAAATGGCGAGAGAACATTCAGAAGAGAGAGGGACCGCTGGAGCAGTTAGAAAGGAAG
 AGGGAGCGGGAGCGCAAGCTGAGGGAGCAGCAGAAGGAGCAGCGGGAGCAGAAGGAGCGGAAACGGAGGG
 CAGAGGAGCGCCCAAAGAGAGAGAAGCGCTAGGGAAGTCTCTGCACATCACCGTACCATGAGGGAGGA
 GTACAGTGATAAGGGGAAGGTTGGCCACTGGAGCCGACGCCCTCTGAGGCCACCAAGAGAGCGCTTTGAG
 ATGGGAGACAACCGGAAGCCAGTAAAAGAAGAGAAGGTGGAAGAGAGAGACTTGTGTGACAGCTCCAAG
 ACATCAGTGACAGCGAGAGGAAAACCAGCTCAGCTGAGTCTTCATCAGCAGAATCAGGCTCAGGTTCTGA
 AGAGGAGGAGGAGGAAGAAGAAGAGGAAGAAGAAGAAGAGGAGCACCAGTGAAGAATCAGAGGAAGA
 GAGGAAGAAGAAGAGGAGGAGGAAGAAGAGGAGACTGGGAGCAACTCTGAGGAGGCTCTGAACAGTCCG
 CAGAAGAAGTCAGTGATGAGGAAATGAGTGAAGATGAAGACAGAGAAAACGAGAACCACATCTTGTTGT
 TCCAGAGTCACGATTTGACCGAGATTCTGGGACAGTGAAGAAGGGAGGAAGAAGTTGGTGAAGGGACT
 CCACAGAGCAGTGCCCCACCGAAGGAGACTATGTTCTGACTCTCCAGCACTGTACCTATTGAGCTAA
 ACAAAGAACTGCCAAATACCTGCCAGCCCTGCAGGGATGCAGGAGTGTAGAGGAGTTTCAGTGTCTGAA
 CAGGATTGAAGAAGGCACCTATGGGGTGGTCTACAGAGCAAAGGACAAGAAAACAGATGAAATTTGGCT
 CTGAAGCGGTTAAAGATGGAGAAGGAGAAGGAAGGCTTCCAATCACGTCGCTGAGGGAAATCAACACCA
 TCCTCAAGGCCAGCACCCCAACATCGTCACCGTCAGGAAAATTGTTGTGGGAAGTAACATGGACAAGAT
 CTACATTTGTGTAAGTACGTGGAACATGACCTCAAGAGCCTAATGGAGACCATGAAGCAGCCCTCCTG
 CCAGGGGAGGTGAAGACCCTGATGATTACAGCTGCTGAGTGGGTAAAGCACCTCCATGACAATTGGATCC
 TACACCGTACCTGAAGACCTCTAACCTCTGCTGAGCCATGCTGGCATTCTCAAGGTGGGCGACTTTGG
 GCTGGCTCGGGAGTATGGTTCACCCCTAAAGGCCTACACTCCAGTTGTTGTAACCCTGTGGTATCGTGCC
 CCAGAACTACTGCTTGGTGCTAAGGAATACTCCACAGCTGTGGACATGTGGTTCGGTAGGCTGCATATTTG
 GAGAACTGCTGACACAGAAACCTCTGTTCCCTGGGAAGTCAGATATTGATCAGATTAACAAGATTTCAA
 GGACCTGGGTACTCCTAGTGAGAAAATCTGGCCTGGCTATAATGACCTCCCAGCCGTCAGAAGATGACC
 TTCAGCGAGTATCCCTATAACAACCTCCGCAAGAGATTTGGGGCTTTGTTATCAGATCAAGGCTTTGATC
 TCATGAACAAGTTCCTGACATACTACCCTGGCAGGAGGATCAACGCAGAAGATGGCTCAAGCAGCAATA
 TTTCCGAGAGACTCCCCTCCCCATCGACCCATCCATGTTCCCCACGTGGCCTGCCAAGAGTGAGCAGCAG
 AGAGTGAAGCGAGGCACGAGTCCACGGCCTCTGAGGGCGGCCTGGGCTACAGCCAGCTGGGTGATGATG
 ACCTGAAGGAGACGGGCTTCCACCTCACCACCACCAACCAGGGAGCCTCAGCTGCAGGCCCTGGCTTCAG
 CCTCAAGTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: BC052920
Insert Size: 2253 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:	BC052920 , AAH52920
RefSeq Size:	2777 bp
RefSeq ORF:	2252 bp
Locus ID:	12537
Cytogenetics:	4 86.73 cM
Gene Summary:	Plays multiple roles in cell cycle progression, cytokinesis and apoptosis. Involved in pre-mRNA splicing in a kinase activity-dependent manner. May act as a negative regulator of normal cell cycle progression.[UniProtKB/Swiss-Prot Function]