

Product datasheet for **MC218149**

Cdc211 (BC051012) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdc211 (BC051012) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdc211
Synonyms:	p58, CDK11-p46, CDK11-p58, CDK11-p110
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC051012
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCCGCGGTAAACAGCGAGAGCTCGCCCGCCAGAAGAACATGAAGAAGCAGAGCGACTCGGTTAAGG
 GAAAGCGCCGAGATGATGGGCTTTCTGCTGCCCGCCGAAGCAGAGGGACTCGGAGATCATGCAGCAGAA
 GCAGAAAAAGGCAAACGAGAAGAAGGAGCGGGAACGGAGGGCAGAGGAGCGCCGAAAGAGAGAGAGCG
 CGTAGGGAAGTCTCTGCACATCACCGTACCATGAGGGAGGAGTACAGTGATAAGGGGAAGGTTGGCCACT
 GGAGCCGAGCCCTCTGAGGCCACCAAGAGAGCGCTTTGAGATGGGAGACAACCGGAAGCCAGTAAAAGA
 AGAGAAGTGGAAGAGAGAGACTTGTGTGACAGCTCCAGGACATAAGTGACAGCGAGAGGAAAACCAGC
 TCAGCTGAGTCTTCATCAGCAGAATCAGGCTCAGGTTCTGAAGAGGAGGAGGAGGAAGAAGAAGAGGAAG
 AAGAAGAAGAAGGAGCACCAGTGAAGAATCAGAGGAAGAAGAGGAAGAAGAAGAGGAGGAGGAAGAAGA
 GGAGACTGGGAGCAACTCTGAGGAGCCCTCTGAACAGTCCGCAGAGAAGTCAAGTATGAGGAAATGAGT
 GAAGATGAAGACAGAGAAAACGAGAACCACATCTTGGTTGTTCCAGAGTACGATTTGACCGAGATTCTG
 GGGACAGTGAAGAAGGGGAAGAAGAAGTTGGTGAAGGGACTCCACAGAGAGTGCACCCACCGAAGGAGA
 CTATGTTCTGACTCTCCAGCACTGTACCTATTGAGCTAAAACAAGAACTGCCAAATACCTGCCAGCC
 CTGCAGGGATGCAGGAGTGTAGAGGAGTTTCAGTGTCTGAACAGGATTGAAGAAGGCACCTATGGGGTGG
 TCTACAGAGCAAAGGACAAGAAAACAGATGAAATTTGGTCTGAAGCGGTTAAAGATGGAGAAGGAGAA
 GGAAGGCTTCCAATCACGTCGCTGAGGGAATCAACACCATCCTCAAGGCCAGCACCCCAACATCGTC
 ACCGTCAGGGAATTTGTTGGGAAGTAACATGGACAAGATCTACATTGTGATGAACTACGTGGAACATG
 ACCTCAAGAGCCTAATGGAGACCATGAAGCAGCCCTTCTGCCAGGGGAGGTGAAGACCCTGATGATTCA
 GCTGCTGAGTGGGTAAGCACCTCCATGACAATTGGATCCTACACCGTGACCTGAAGACCTCTAACCTC
 CTGCTGAGCCATGCTGGCATTCTCAAGGTGGGCGACTTTGGGCTGGCTCGGGAGTATGGTTACCCCTAA
 AGGCCTACACTCCAGTTGTTGTAACCCTGTGGTATCGTGCCCGAGAGCTACTGCTTGGTGTCAAGGAATA
 CTCCACAGCTGTGGACATGTGGTCGGTAGGCTGCATATTTGGAGAAGTGTGACACAGAAAACCTCTGTT
 CCTGGGAAGTCAAGATTTGATCAGATTAACAAGATTTTCAAGGACCTGGTACTCCTAGTGAGAAAATCT
 GGCCTGGCTATAATGACCTCCAGCCGTCAGAAGATGACCTTCAGCGAGTATCCCTATAACAACCTCCG
 CAAGAGATTTGGGCTTTGTTATCAGATCAAGGCTTTGATCTCATGAACAAGTTCCTGACATACTACCT
 GGCAGGAGGATCAACGCAGAAGATGGCCTCAAGCACGAATATTTCCGAGAGACTCCCTCCCATCGACC
 CATCCATGTTCCACAGTGGCCTGCCAAGAGTGAAGCAGCAGAGAGTGAAGCGAGGACAGTCCACGGCC
 TCTGAGGGCGGCTGGGCTACAGCCAGCTGGGTGATGATGACCTGAAGGAGACGGGCTCCACCTCACC
 ACCACCAACCAGGGAGCCTCAGCTGCAGGCCCTGGCTTCAGCCTCAAGTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAA**ACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT**
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: BC051012

Insert Size: 1551 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: [BC051012](#)

RefSeq Size: 2203 bp

RefSeq ORF: 1943 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]