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Product datasheet for MC218149

Cdc2l1 (BC051012) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdc2l1 (BC051012) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdc2l1
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:

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACCCGCGGTAACCAGCGAGAGCTCGCCCGCCAGAAGAACATGAAGAAGCAGAGCGACTCGGTTAAGG
GAAAGCGCCGAGATGATGGGCTTTCTGCTGCCGCCCGCAAGCAGAGGGACTCGGAGATCATGCAGCAGAA
GCAGAAAAAGGCAAACGAGAAGAAGGAGCGGGAACGGAGGGCAGAGGAGCGCCGCAAAGAGAGAGAAGCG
CGTAGGGAAGTCTCTGCACATCACCGTACCATGAGGGAGGAGTACAGTGATAAGGGGAAGGTTGGCCACT
GGAGCCGCAGCCCTCTGAGGCCACCAAGAGAGCGCTTTGAGATGGGAGACAACCGGAAGCCAGTAAAAGA
AGAGAAGGTGGAAGAGAGAGACTTGTTGTCAGACCTCCAGGACATAAGTGACAGCGAGAGGAAAACCAGC
TCAGCTGAGTCTTCATCAGCAGAATCAGGCTCAGGTTCTGAAGAGGAGGAGGAGGAAGAAGAAGAGGAAG
AAGAAGAAGAAGGGAGCACCAGTGAAGAATCAGAGGAAGAAGAGGAAGAAGAAGAGGAGGAGGAAGAAGA
GGAGACTGGGAGCAACTCTGAGGAGGCCTCTGAACAGTCCGCAGAAGAAGTCAGTGATGAGGAAATGAGT
GAAGATGAAGACAGAGAAAACGAGAACCACATCTTGGTTGTTCCAGAGTCACGATTTGACCGAGATTCTG
GGGACAGTGAAGAAGGGGAAGAAGAAGTTGGTGAAGGGACTCCACAGAGCAGTGCCCCCACCGAAGGAGA
CTATGTTCCTGACTCTCCAGCACTGTCACCTATTGAGCTAAAACAAGAACTGCCCAAATACCTGCCAGCC
CTGCAGGGATGCAGGAGTGTAGAGGAGTTTCAGTGTCTGAACAGGATTGAAGAAGGCACCTATGGGGTGG
TCTACAGAGCAAAGGACAAGAAAACAGATGAAATTGTGGCTCTGAAGCGGTTAAAGATGGAGAAGGAGAA
GGAAGGCTTCCCAATCACGTCGCTGAGGGAAATCAACACCATCCTCAAGGCCCAGCACCCCAACATCGTC
ACCGTCAGGGAAATTGTTGTGGGAAGTAACATGGACAAGATCTACATTGTGATGAACTACGTGGAACATG
ACCTCAAGAGCCTAATGGAGACCATGAAGCAGCCCTTCCTGCCAGGGGAGGTGAAGACCCTGATGATTCA
GCTGCTGAGTGGGGTAAAGCACCTCCATGACAATTGGATCCTACACCGTGACCTGAAGACCTCTAACCTC
CTGCTGAGCCATGCTGGCATTCTCAAGGTGGGCGACTTTGGGCTGGCTCGGGAGTATGGTTCACCCCTAA
AGGCCTACACTCCAGTTGTTGTAACCCTGTGGTATCGTGCCCCAGAGCTACTGCTTGGTGCTAAGGAATA
CTCCACAGCTGTGGACATGTGGTCGGTAGGCTGCATATTTGGAGAACTGCTGACACAGAAACCTCTGTTC
CCTGGGAAGTCAGATATTGATCAGATTAACAAGATTTTCAAGGACCTGGGTACTCCTAGTGAGAAAATCT
GGCCTGGCTATAATGACCTCCCAGCCGTCAAGAAGATGACCTTCAGCGAGTATCCCTATAACAACCTCCG
CAAGAGATTTGGGGCTTTGTTATCAGATCAAGGCTTTGATCTCATGAACAAGTTCCTGACATACTACCCT
GGCAGGAGGATCAACGCAGAAGATGGCCTCAAGCACGAATATTTCCGAGAGACTCCCCTCCCCATCGACC
CATCCATGTTCCCCACGTGGCCTGCCAAGAGTGAGCAGCAGAGAGTGAAGCGAGGCACGAGTCCACGGCC
TCCTGAGGGCGGCCTGGGCTACAGCCAGCTGGGTGATGATGACCTGAAGGAGACGGGCTTCCACCTCACC
ACCACCAACCAGGGAGCCTCAGCTGCAGGCCCTGGCTTCAGCCTCAAGTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

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).

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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]

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