

Product datasheet for **MC218146**

Ccng1 (BC005534) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccng1 (BC005534) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccng1
Synonyms:	Ccng, cyclin G
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >OriGene sequence for BC005534 edited
 CCCACGCGTCCGGTCAGCCAAAGGTCTGCGGCTTGAACCTAATTGAGTCGGCCCATGATAATGGCCTCAG
 AATGACTGCAAGATTACGGGACTTTGAAGTAAAAGATCTACTTAGTCTAACTCAGTTCTTTGGCTTTGAC
 ACGGAGACATTTCCCTAGCTGTGAATTTACTGGACAGATTCTTGTCTAAAAAAGGACAGGGCGAAGC
 ATCTTGGGTGTGTGGACTGAGCTGCTTTATTTGGCTGTGAAAGCGACTGAAGAGGAAAGGAATGTCCC
 ACTGGCGACTGATTTGATCCGAATAAGTCAGTATAGGTTACAGGTTTCAGACCTGATGAGAATGGAGAAG
 ATTGTGTTGGAGAAAGTGTGTTGGAAAGTCAAAGCTACTACTGCCTTTCAATTTCTGCAGCTCTATTATT
 CACTCGTTCACGACACCTTGCCATTTGAGAGGAGAAACGATCTGAATTTTGAAGACTAGAAGCCCAACT
 TAAGGCCTGCCACTGCAGGATCATATTTTCTAAGGCAAAGCCTTCTGTGCTGGCGTATCTATCCTTGCG
 TTGGAGATCCAAGCACTGAAATACGTAGAGTTAACAGAAGGAGTAGAATGTATTAGAAACATTCCAAGA
 TAAGTGGCCGAGATTTGACCTTCTGGCAAGAGCTTGTTCCTAAGTGTAACTGAATATTCATCAAACAA
 GTGCTCCAAACCTAACGGTCAGAAGTTGAAATGGATTGTGCTGGACGCACTGCACGGCAACTGAAGCAC
 AGTTATTATAGAATAACTCACCTCCAACGATTCTGAGACCATTGTTAGTTGATAAATCTGGTTGTTA
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 CAGAACAACAAGCAATGTGACCCATATATGAACAAATTTAATCTGCCATCGACTATGAAAATGAAGTA
 CAAACCTGGGTGATGGACTTACAAAAGTAATATAGGGCATGCCATGTTAGGTTTCTGGAACTGCCAGAG
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 TCTTTTTATGATTAACAATTTTTCCTTAATGCATGGCAGCACATGCCTTTAATCCCAGCAGTAGAG
 AGGCAGAGACAGGTAGTCTGAGTTCAAAGCCAGGCTGGTCTACACAGTGAGTTCCAAGACAGCTAGA
 GACCTTGTCTCAAAAACCTCAAAAACCAAAACACCAGGGTAAATGTTGCTGGGAAGTCAAGGAAGAT
 GGTTTAGAAGGGAAGCCTGACAACCTGACTTCATTCTTCAGGACCACATGATGGAAGGAGAGAACGAAG
 AACTCCAAGTCTCTCACATATGCACATACCTCACCACCCCGCAGGAAATACATGATCATGCGTCTG
 AGATATCACCAGTTCACCTTAGCAGCTCGCAGTTTGTAGGCAGATTTCTGTTAAGTTGGGTCTGTGTTG
 TTTGCCTATGTAGCAGGATTACAGCAGCAGCAAAAACGGTCCCTCAAGTCTTTCTGCCACTCTGACCTGA
 GTTTCCTACGGTACAGGATTTACTCTGAGAAACCTCAGCACCTTGCCACAGTAGCCTTGGCAGAATGGCC
 TCACGGTTAGGGAACCTCCTGATTCTAAGCTTGGGAGAGCTACGCTTAGATTTGAATTCACCCAGGAAGC
 ATTCAAATCAAGGCTAAAGACATAAATGTGAAATAAAACCTGTGAACCTTCAATCTAAAGTTCATCTGACT
 TCCCAGATTTGATCAATATATTCTTAGGTGGTATTAATAATGGTAAACTGCTTAATTTAAATCTCAAAAT
 TAAATATGAGGTTTACATAAAAACCAACATTTTCAATGCAATGCACTTTTAAAGGATTTAAAGGGGTA
 AAGCGGTAATGGTTTCTTGGCACCCATAACCAAGTAATAGTTAATTTACAGGTGGGATTTTTTTTTATT
 GCTATGAGAATTACATTTAAATTTGGGTGTTTTATATAAAGCAGATATCACAAGTTTTGAAAATTTGT
 TACCTTTAATATTTCTTAGAGAATAGGTGTTTGTATCCATAATAAAGAAAAATTTGTCAGAAGTCTG
 GCTTCAATCTAATCCATTTGAGAGAATTGCTTTACTGTCTTAATAACTGGATGAATATCACTCTGAA
 AATGATTTTATGCACTAAAGTTAGTTTAGGCTTGATAAAACACTCCAGACATTTTACTACAGACTGTT
 TCTATAAAACTGCCATTGCTTCTAATGGAGAATTTATTTTAAAGAAAATAAAATGCTGAGTTTATCTG
 CAAAACCTTTCTAAGTCTTATGGGACGTAAGGAGACCTCCATAATTATAAGAGCCGTTGTGCTCAG
 AGTCTCCATGCTGGCTTGAATGTATGATCCACACTGTTAAAACATAGGCAGCAGCTCAGGGCCCTGGACA
 GCCTGAGTCAACCTAGAGTAGCTGGAACCATTTTACATGTAAATGGATAAGAAAATTTATCCATTGAGAAG
 CTGAACAATAAACCAAGAACGGGTGATTTTATCCTTAACCTCTGTAACCACGTTACTGAGAACAC
 TTCAGTCTTCTAAAGTTGATAGGCTCAGTCTGAAAACAATATTGATTTGGAGTGGACAGAAGTTAA
 CTAACCAACTACCATTATGTTTTGAATACACCTTTCAATAAATGATTGAAATGCAAAAAAAAAAAAAA

Restriction Sites: SgfI-MluI
ACCN: BC005534
Insert Size: 1392 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:	BC005534.1
RefSeq Size:	3151 bp
RefSeq ORF:	749 bp
Locus ID:	12450
Cytogenetics:	11 A5
Gene Summary:	May play a role in growth regulation. Is associated with G2/M phase arrest in response to DNA damage. May be an intermediate by which p53 mediates its role as an inhibitor of cellular proliferation.[UniProtKB/Swiss-Prot Function]