

## Product datasheet for **MC203265**

### **Ccnf (NM\_007634) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ccnf (NM_007634) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccnf
Synonyms:	CycF; Fbxo1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC037662  
 CCACGCGTCCGCCACGCGTCCGGACCCACGCGTCCGGAGGGAGCTCGGCGATGGGGAGCGGCGGTGTGA  
 TCCATTGTAGGTGTGCCAAGTGTCTTCTGTTATCCTACTAAACGAAGAATCAAAGAAGACCCAGAAACTT  
 AACCATCTTGAGTCTCCAGAAGATGTACTCTTTCATATCCTGAAATGGCTTTCTGTTGGGGACATCCTT  
 GCTGTCCGAGCTGTCCACTCCCACCTCAAGTACCTGGTGGACAACCATGCCAGTGTGTGGGCATCCGCCA  
 GCTTCCAGGAGCTGTGGCCTTCTCCACAGAACCTGAAGCTCTTTGAAAGGGCTGTGAAAAGGGAATTT  
 TGAAGCTGCTGTGAAGTTGGGGATTGCCTACCTCTACAATGAAGGCCTGTCTGTGCAGATGAGGCCTGC  
 GCAGAAGTGAACGCTTGAAGGCCTCTCGCTTCTTCAGCATGGCTGAGAGACTGAATACGGTTCTGAGC  
 CCTTCATTTGGCTCTTACCCGCCACCGTGGTCAAGTGTCCGGAAGCTGTGCAAGGCTGTGGTTTATGA  
 CAGCCTCCGAGCGGAGTGTCAAGTACAGAGAAGTATAAAGCTTCCATACTACACTGCTTGGGAAGGGTG  
 CTAATCTTTTTGAGGACGAAGAGAAAAGGAAGCAGGCGCTAGCCTTTTGAAGAGTCTTCTCGTCAGG  
 GATGCTTAATCAGCTCATACTCCTTTGGGAAAGCGACAGAAAGATGTCCGACCCCGGACGATGCCTCCA  
 CAGCTTCCGAAACTCAGGGACTACGCTGCGAAAGGCTGTGGGAAGCACAGCTGGCTTTGGCCAAAGCC  
 TGTGCAGGTGGAAGCCAACTTGGACTGGAAGGGAAGGCCTGCAGTGAATCGGTCTGCCAGCTCTCCAGG  
 CCTCCAGGCTGTCAACAAGCAGCAGATATTCTGTGTCAGAAGGGGCTCAGCGACACCATGAGGTACAT  
 TCTAATCGACTGGTTGGTGAAGTTGCCACAATGAAGGACTTTACAAGCCTGTGTCTTCACTGACTGTG  
 GAGTGTGTAGACCGGTACCTGCGAAGGAGGCTGGTCCCCAGATACAAGCTGCAGCTCCTGGGTATTGCC  
 GCATGGTCACTGTACCCGGTTCATCAGCAAAGAGATTCTGACAATTAGAGAGGCTGTGTGGCTCACAGA  
 CAACACGTATAAATACGAGGACTTGGTGCAGCTGTGGGGGAGATCATCTCCGCCCTGGAAGGGAAGATT  
 CGGATCCCTACCGTGGTTGACTATAAAGAGGCTCTGTGACACTGGTCCCCGTCGCACCCAGAACCCAGC  
 ACCTGTGCAGCTTCTCTGTGAGCTCACCTGTGCACACCAGCCTGTCCATCTATGCCCCAGCCCGCT  
 GGCTCTGCGGCCCTTCTCTGGCCAGACTCATGCATGGGAGACACAGCCCTGGACCATCATCTGTGG  
 GACCTCACTGGCTTCTCTACAGTGACCTCGTACCCTGTGCTGAGCCTTATAAAGAAGTGTTCACAG  
 ATGATGCACCCAAAGACTACAGACAAATCTCTCTGACGGCCGTGAAGCAGCGGTTCCGAGGATAAGTGCTA  
 TGAGGAAATCAGCCGGGAAGAGGTGCTGAGCTATGCTGACTTGTGCAAGTGAATAGGAGTAAAACAGGAA  
 AGCCAGAGCCCCATCTTTCCCTAGCTCAGGGGAGATCCACACCTTCTCAGCTCGCCCTCCGGGAGGA  
 GGAGCAAACGGAAGCGAGAGAACAGCCTTCCAGGAGACAGAGGCAGCTTTGTACCACACCCACCCGAGA  
 GCTATCGAATCAGGAGGAGACATTGCTAGGCAGCCTTCTGGACTGGAGCCTGGAGTGTGCTCTGGCTAT  
 GAGGGAGACCAGGAGAGCGAAGGCGAGAAGGAGGGTGTGTCACAGCTCCAGCAGACTCCTTGATGTCA  
 CTGTGGTCTACCTGAACCCAGAAGAACATTGCTGCCAGGAGTCCAGTGTGAGGAGGCTGGCCAGAGGA  
 CAAGATCCACCCAGCACCAGGCACCCAGGCACCTCCAGCCTCAGCTCCCAGGCCCTTCTCTGCAATCGG  
 GGAGATCGGGCCAAGGACATTACGACCTCAGGATCTCCTCTGTTAGCAGCTCGAGTCCCATAAGCTCCC  
 TGGATGGTGGCATGGGGGCTCTCCCAATCTACCTCAGTGTCTCTGTGGGAGCCACTCAAGCAAAA  
 GCCTTGCCACCATCAGGCCAAGAAGTATGTTTACAGTGTGTCGCCCAAATTTCCCAGAGAGCGGTGTT  
 CACCAGCAGCCTGTAAGCGCCAAAACCTGTCTGTACACAGTGAAGGACACGCACCTGGCTTCTCTGAA  
 GCTCGGAGTGTGTAGCCTTCACTATGGTGAATGTTTACTGAGGGAGGGCTGTGTTTCTCTAGGACT  
 GCCTATGGGTACTGTGTAGATCCTTAGGGGAGTTCAGTGAAGCTGTGAGGACTGAGCTCAGTGACCA  
 GCTCAGCCTCTACGATTTGGACAGCAGCCACCCAGCTGTGATGCGCACCTGTGAAACCCATCCCTGTCTA  
 GCCTTCTGTGCTGCTGTCTCCGGGAGCATGAGCCTCTGTGTTGGCATTCACTTTCTGAGGCCAGGAGC  
 TGACAGCCTCCTTGAATACTAGCGGCCAGGTGGCCTAACACAGTTCAAACCCTTCTGTCGCAAGCTTGT  
 TTTTAGACCAGTGGGAGCTCTCAAGTGAAGACAGCACTCTCCTCCACACCCCTTCCAGCTAGGGAGCC  
 TGTGTCCCTGCATATCAGTGTGACTGTAGCCTAATGGTGTGTGAGGCCCTTAAAGCTGGAGTTGCAGGC  
 ATCCCTGTCCCTCCAAAGTGGTTTGTCTGTGTCCCATTTGTATCCATGTGACCGTATCTCTGCACTGAAT  
 TTCAAGGCCATTCTTTGCCTGTCTTTATTTCTACATTTCTTCTAATGGGGAACAAAAGGAAGCATTGAA  
 ATAGAGGGTATTGAATAAAAAGATAACAGATCCCCAATAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_007634  
**Insert Size:** 2328 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC037662</a> , <a href="#">AAH37662</a>
<b>RefSeq Size:</b>	3064 bp
<b>RefSeq ORF:</b>	2328 bp
<b>Locus ID:</b>	12449
<b>UniProt ID:</b>	<a href="#">P51944</a>
<b>Cytogenetics:</b>	17 12.32 cM
<b>Gene Summary:</b>	Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of CP110 during G2 phase, thereby acting as an inhibitor of centrosome reduplication. [UniProtKB/Swiss-Prot Function]