

## Product datasheet for **MC220923**

### **Ccdc14 (BC031204) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ccdc14 (BC031204) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc14
Synonyms:	G630039H03Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >BC031204  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGTCAGGTCGGATCTCGACCGGCCAGGTGATATCTTCAGGAAGGCCAACCTGGAGCTAAGTTACCAA  
 ATGAAAAGAAAGGGACCCACGTAAGAAAAATAGCACATTTAATGTAGACTCCGCTGTCTGTTCAATC  
 TGATTCAGAAAAGTCAGACGGACATTCTCCAGGGACTTGACGGCTGTGCTTCTTGTGCGGGACATTTTG  
 AAAAATGAAGATTCAGGCTCAGAAATGGTATATTCGAAAAACAGATGCAATTCTAAACCTTTAGAAGGCA  
 GAAAGAACAGATCTAAAAAGAAAGGGCCTGAAAAATATGTTCTTCAGTGGTCCGAAAGGAAATATTATC  
 ATCAGAAAATAGGAAATGGATATCTAATGAAGTTTCTACTGGGAGTGACACAGCAGCAGCTTGGTCACTA  
 CAAGATCATTATAGAATGTACTACCGATAATATACCAAGCCCTCTGTGAGCATGTGCAGACTCAAATGT  
 CACTGATGAATAGCTTGGCTTTAAAAAATGGCCCCAATGGAATACATGCTGTGTGCCATACCATGTCTAA  
 TTCAGGCTCTCAGGCAACACCACATTCTGGTTTTGGCTGTTCTTCCACTTCTGTCTGGCCACCTCAGCAG  
 CCATCCTGCCCCCTAATGGTCCACTCTGAAGTTCAGACTGATGCTGATAACCAAGTTTGAATCACAAAGTC  
 AAGCGACCTCTGTGAAGTACGGTGTGTTCCAGGGATCCGTTTGTGTCCATCTCGAGTTGCATGTGG  
 CCTTCCCCACGCTGACAGTCCAGCTGTTGCAAAGAGTCGGCAGCTGGATCTTGGAGTTGTATTCTGCC  
 CAACAGAGAGCTCCGAAGGAAGCAGAGTTACTAAAGTCTTCAAACACACACATCTCTGTTTCCAGCTC  
 ACGGGAAGGACGCTCTCTCGACAGTCAGGCATACCAAAGTCCCTCTCAGTTACAGCCAGCTTCTTGGC  
 CACTAATGAAGAAAAATGTCCAAAGAACAATTTGAAGAGGCCACAAATGAAGGAAAGCATTTAAGCACA  
 CATGTGCAAGATGCAAAAATAGCCAAGAATGTGCAGCAGGCAGAAAAATGTGAGCCAGACTGCTGAAAAA  
 TCAGACTTGGCAAGTGTGTTGGGAGAGCTCAAGGCCCTGATGGAAGAGGACTCCGAAGTTCAGAGGTT  
 GGTGACAGAAGTAGAGGGGTGCGTATCTGGACTTTCAGCAGTGAGTGGCCACCAATGTGGAAGTTGAA  
 ATAGCCCTGGCCCTGCAGCCCTGAGAAGTGAGAACGCTCAGCTGCGGAGGCAACTGAGAATTTTGAATC  
 AACACCTCCGAGAACAAGAGAAAACCGAAAAGGGACCTGGTAACCTTGAATGTTTTCCCTTCAGTCGCT  
 GAATATGTCGCTGCAGAATCAGCTGCAAGAGTCGCTGAAGAGCCAGGAGTTACTACAGAGTAAAAACGAA  
 GAGCTCTTAAAGTGATAGAAAACCGAAAAGGAAAACAAAAATTCACCCTTTATTTAAAGACAAG  
 AGCAGACTCTGCTCATAATAAACAGCAGTTTGACATTGAGATGACCAGGGTGAAGATGGAGTTGGAGGA  
 AGCCTTGGCCAATGAGAAGAAGTTCGGTTTAAAGCTAGAGACTGCAGAAAAGGAAAGTCAAGACTGGGA  
 ATAACTGCGCCAGCGAGATGTGAGGTTGCAGACTTAGAGAATTAACCAGAACTTTACAGAGCAGCA  
 TGGCCAAGCTGCTCTGATCTCAGTATGGACACTGCACGCTGCAGGGTGGGGAATAGCCTCACCAATC  
 ACTTCTCAATGTCTATGATCAACAACCTCAACAGGACCCAGCCCTGCTCAGACTTCCATAATGAGCTAC  
 CTCAATAAATTAGAAAACAAATCACAGCTTTATACATTCAAAGCTGCTTAACAATGAGGCAGCCATAGAGC  
 CAGACAGACTCTGTGAAAGTGTGCTGCCCCACAAAGGCTCCCATAGTGATGCGGGGACAGCAGATGG  
 GGGCTCTGCATCTGGAAGTGTCTGCTGCTTCAAGTGGAGGATCCGATATGGACTGTGAAACCCCTCACT  
 GTAATAGAAGATGGGTGTAACGTGGACAGTACAGTTTATATCCCCTTTCGAAAGCACTTCTAAAAAGC  
 ACTCGCCACTTTGTAAGAGACTATCCCCTCAGCCAAAGCTGAGTGTGCTGCAGCACAGCTAGTCAGCGG  
 CAGTGCACAGACCTCTAAAAGAGAAAGTAAGCCACGTGCACCTGCAGTTTGTTCCTCAGAAATGAAGCA  
 GAAGATGCACCCGAGATCTTTCCAGCAGTATGACACAGAGGACGTGCAGCTCCTCAGGAAAATCAAAG  
 AAGCTATTGGTAAGATCCCTGCTGCTGCTGAGCACGAAAGGAACAGGCCACACATCATGGCCATCAGC  
 TCATCCCAGCCCCGGCTTCCAGTGAAGGGCAGTATTGTTCTGACAGCAGCTTCTCAATTCTGACTTG  
 ATGTCAGACTGGAGCATCTCTCTTTCTCAACGTTACGTCTCATGATGAACAGGACTTCAGAAACGGCC  
 TGGCAGCACTGGATGCCAATATTGCTCGACTTCAGAACTCTTAAAGACCGGCCTTCTGGAGAAATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** BC031204

<b>Insert Size:</b>	2658 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>	<u><a href="#">BC031204</a></u> , <u><a href="#">AAH31204</a></u>
<b>RefSeq Size:</b>	2884 bp
<b>RefSeq ORF:</b>	2657 bp
<b>Locus ID:</b>	239839
<b>Cytogenetics:</b>	16 B3
<b>Gene Summary:</b>	Negatively regulates centriole duplication. Negatively regulates CEP63 and CDK2 centrosomal localization.[UniProtKB/Swiss-Prot Function]