

## Product datasheet for **MC221048**

### **Ccdc170 (NM\_001195672) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ccdc170 (NM_001195672) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc170
Synonyms:	Gm221
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221048 representing NM\_001195672  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCCTGTGCACTTGTGGAAAAGTTGTCAAGTGTAGCTAGCGAGGGAAGTCCAGTCAATCGCCAG  
 AAGTCCCTGATACCTGGGAACAGCTGAACCACTACCGGAATGTGACTGAAAATGTTCAAAGTGAGCTTGC  
 AGCAATGCTGGTCAAATTTGAATGTGCTCAGTCCGAGCTTCGAGAAGTCCGCTCCAAGATGCTTTCTAAA  
 GAAGCTTGTGTCAGGAGCTGAAGGTGGAAATGGAGAGCTATAAAGAAAGCAGTCCAGAAAAGTCAAGCTC  
 TCCTCACGTCTCTGAGGGCAGGATGGAGGAGCTCCAGGAGGAATCAGCAGCGGTTTCAGCTTCTAAAAG  
 CAGAGCAGAGGCCTCTGTTACGCCATGATGAAGGAGAACCAGGAATAATGAAGAAAGTTCTAGAAGT  
 GATGAGAAATTACAAAAGTGTCAAAGGAAAATGAGGAGTCTAAGAAACAAGGCTCAGAGCACCTCCGGA  
 GGCACGAGGAATTCGGGCTCAGCTTCATGATTGCTTGTAGTCTAGACAAGAAGCATGAAGAGGCATCGGA  
 TGAAGATTTAATTTTAAAGCTTAGAGAGCTGTACAAGGAGCCACATTCCTGAAAGGACAGCTCGCTACT  
 CTTGAAGAGACTGTAAGTGTCCATGAGATGGAGGCAAAGGCTAACAGAGAAACTATCAGGAGGCTGGCAG  
 CCGAAGTCAGCAGGGAGCAGACAAAAGCTGCCTCCTGGGCAGAGGAGAAAAGACAAGCTGAATCAGGACTT  
 GCTCAGTGTGTGGAGGGGAGAACAGCTCTAGAAAAGGGAAGTGAAGCTCTACCAAGAACGGCTGCTTGA  
 TCTCAGCGAGCCTGGGATGCCTCGAAGCAGGAGCTGACCCAGCTGAGGAAACGCTGCCAGGAGCTGGATG  
 TGAGCTTGAAGGCCAGCAGGGAGGCCACCACAGCTCGCAGAGCCGGAACCTCTGCTTACAGGAGAAACT  
 CACAGCTCTTCTTTGCAGCAGATTCGACACAGCTGAATCCACAGAGGATGCCATATTGGAGAGGATTCGA  
 GAGCTAGGCATTGAGGAGGAGAGCCAGAGAAGGATGGCTCTCAGCTTGAAGCCAGATCTGAGTTTG  
 TTGGGAAGTTGGGAAATGAATCTGAGTCTACCCAGAAAGCCCTACAGAGGGCCCATGTGGCAGAAAAGAA  
 GTTGGAGGCTCTTCAGAGTCAGCTGAGTCACCTGGAGGGAGAGCTGCTTTCTGGAGACGTCGTGAGAGAC  
 AACTTGTCTTAGAGAAGCAAAAATATCTGAAAGTTTCTGGACCAGCTGACAGAGAAAATGAAGTTGGGCC  
 ACGTAGCTGCTGACCTTGGCTTTGACGTGTGCTGGATGTAGTTCTAGCTCGCATAGAGCAGTTAGTTTCG  
 CCTTGAAGCAATGCTGTCAATTGAAAACAAGACCATGGCTCACAACCTTACAGAGGAAGCTAAAGACTCAG  
 AAAGAAAGACTGGAGAGCAAAGAAGTTCATATGAACCTCCTTCGGCAGAAAATTGCCAGCTGCAGCAGG  
 AGAAAGAGGCGCGCTCAGCCTTGGCTGTGGAGAGGGACGAAGCCCATCTTGCCATGAGGAAGCTGGAGAA  
 GAAGCTGGAGAGGATGCAGAAGGAGTTGAGTGCCTGTCAGGAGCACAACACTGAGCTCAAAGCCAAACTG  
 GCAGACCAATGAACTCAAGATTTAAACCTTGAACAGACCAAAGCCATTGAAGATTTAAATCAATCCC  
 GAGACGAGCTGGAGAAGATGAAGGAGAATGCAGAGAAAAGCTCATGTTGGTCATGTCTGAGCTGGAAAA  
 CACAGAGCAGGAGGCTCGAGCACACCAGAAAAGCAGAGCCATGATAGAGTTGGCCAGCCTTGAAGT  
 AAGACCCTGAGGAAGTCTTTGGATGAAGCGGAGAGGAGGAATGCAGCTGGCAGACTTCAGAGAGGTGG  
 TTTCCAGTATGCTGGGCTTGAACATGACCTCTCACGATCTCCCGACTATGAGATCATCAAGTGTCTGGA  
 AAGACTGCTCCATTACACCGCCACCACCACCACCACCTTTGTTCCCTGTGCCTCCAAGACATG  
 GCTGCTGAGCAAGGCAGCTGCTCACACTGCCGTGTGAAATTCGCAT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001195672  
**Insert Size:** 2151 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).

<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="#">NM_001195672.1</a></u> , <u><a href="#">NP_001182601.1</a></u>
<b>RefSeq Size:</b>	2151 bp
<b>RefSeq ORF:</b>	2151 bp
<b>Locus ID:</b>	100504234
<b>Cytogenetics:</b>	10 A1