

## Product datasheet for MC215892

### Ccdc78 (NM\_001165929) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ccdc78 (NM\_001165929) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ccdc78  
**Synonyms:** Gm938; Gm950  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC215892 representing NM\_001165929  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATCAGAGGCCAGAACTTCTTTCCTCTATGGAGTATGTGGCATCTCCAGACCCCAAGCCAGGGGTCC  
 CACTTCGAGTTGCAGAGAACGTTGCTCCAGGAGCTGAGGACTGGTGCCAAAGTCTTCTGGGCACCTAGC  
 CTGGGCCACTAGCCTGGAGACAGAGCATCAGACACATCTGGAGCTGAGTGAAGAACAGCGGTTGCAGATT  
 TCTAAGGAGCTAGTTGATCTGCAGATTGCAACCCACCACCTGCGGAACAGCATGAAGCTGAAGTCTTTG  
 AGCTGAGGAGGAAATTCTTCGACTGGAAGTCCGGTGCTAGAGCTAGAAGTGCATGGAAATGGTGCCTG  
 CCAGGGACATAAAGTCCAACCAATGGCCAACTGGGGCAACACCAGGTGCCACCATTAGAGCCTCCAGGA  
 GGCCAGCAGAAGCTGCAGGAGGAACTGAAATGGCTTCTGGAGCATCACAGAGCCAGGCAGCAGGCACTGG  
 AGACACAAGTGGGAGTCCTAAGCCAGCAGTTGCAGGGAGCCGAGAGGAAGCCAGGACAAGTGGTCAGCA  
 ACTGGCTTCCCAAGCCATGGTGTGGCTCCTGTAAGGGTCAGCTCCGGCAGGCTGAGGCTGAAAACACT  
 CAGCTGCAGCTCCAGCTGAAGAAGATGAACGAGGAGTATGCTGTCCGGCTGCAGCACTATGCCAGAGAGA  
 CGGTGGAGAAGCCAGTAGCACAATCAGGCGGCCCTTCAAGCTTCTGGAGTCCACTGCAGGACAT  
 TAGGGCTGCACACCGAACCCGAGAGCAACAGCTGGCCCAAGCTGCCCGGACCTACCGAAAAGCGCCTGGCA  
 GATCTGAACCAAGGCAGGAGGTTGCTGTAACCACTGCAGGGCTACCTTTGCAACAGCCATCAACCTGG  
 AGCCATTACCCATGCACTGGGCCACTGAACTCAGCCACCCAAGAGAAAACGAGTATGGCCGACATAGGAC  
 ACTGCTACTGTACCCAGAGAAGGGATCTGGTAAAACCTTCAAGGAGAACAAGTCACAGCCACTGGCCCTA  
 GACTGCATCCTGGGCCAAATCCAGCAGAGGCTGCAGGACTTCTCCAGGACACTCAGGCAGAGCTAG  
 AACGGGAACGGGCACAGCTGATGGTCCGGGCCACCATGGCAGAGCAGCAGCTTTCTGAGCTACAGGAGTA  
 TGTGGACCAGCACTTGGGCAGGTACAAGCAGGAAATCTTGAACCTGAGGAAGTTGGTGAATATTGGAGT  
 CCCAAGGAGTAGAAGCTGTATCTTCGCCGGGTAGTGGTGGCGCAGCACT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001165929
<b>Insert Size:</b>	1314 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="#">NM_001165929.1</a></u> , <u><a href="#">NP_001159401.1</a></u>
<b>RefSeq Size:</b>	1651 bp
<b>RefSeq ORF:</b>	1314 bp
<b>Locus ID:</b>	381077
<b>UniProt ID:</b>	<u><a href="#">D3Z5T1</a></u>
<b>Cytogenetics:</b>	17 A3.3
<b>Gene Summary:</b>	Component of the deuterosome, a structure that promotes de novo centriole amplification in multiciliated cells that can generate more than 100 centrioles. Deuterosome-mediated centriole amplification occurs in terminally differentiated multiciliated cells (G1/0) and not in S phase. Essential for centriole amplification and is required for CEP152 localization to the deuterosome (By similarity).[UniProtKB/Swiss-Prot Function]