

## Product datasheet for **MC217838**

### Ccdc49 (BC079553) Mouse Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Ccdc49 (BC079553) Mouse Untagged Clone  
 Tag: Tag Free  
 Symbol: Ccdc49  
 Synonyms: 1300013D05Rik; AA473636; Ccdc49; R75228  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >BC079553  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGAGGCGGAGACCTGAACCTGAAGAAGAGCTGGCACCCGAGACCCTTCGCAATGTGGAGAAAGTGT  
 GGAAGGCGGAGCAGAAGCATGAAGCGGAGAGGAAGAAGATTGAGGAGTTGCAGCGAGAGCTCCGAGAGGA  
 GAGAGCGCGGGAGGAGATGCAGCGCTACGCTGAGGATGTTGGGGCTGTCAAGAAAAAGAAGAAAAGTTG  
 GATTGGATGTACCAAGGTCCGGGTGGCATGGTGAACCGTGATGAGTACTTGTGGGGCGCCCCATTGACA  
 AGTATGTTTTTGAAGAAGATGGAGGAGAGGGAAGCTGGCTGCTCTTCTGAGACAGGACTCCTCCCAGGCTC  
 AATCTTTGCCCGTCCGGCGCCAATTCCTTCTTGACATGGCCAGCAAAATCCGGGAAGACCCTCTCTTC  
 ATCATAAGGAAGAAAGAGGAGGAGAAAAAAGAGAAGTGTGAACAATCCTGTGAAAATGAAGAAAATCA  
 AAGAGCTGTTGCAAAATGAGCCTTGAGAAAAAGGAGAAGAAGAAGAAGGAGAAGAAGAAGCACAG  
 GAAGCACAAACACAGAAGCTCCAGCAGCGGTGGCTCCAGCAGCGAGGATGAGCAGAGCCAGGCCCGGTCT  
 CAAAAGAAGATGGCAAAATTCCTTCTGTTTTGTCCAAAGTCCCTGGATATGGCTTACAGGTGAGGGACT  
 CTGACCGGAACCGGGGGCTGCAGGTTCTCTGGGTGAACAGAGGGCGATAAAGAACAATTCCTGGTCAAG  
 AAGCTCCTCACCCCCAGGCATGCCAGCAAGAAGAGCACCAAGGAAGAGAGGCCCCCGGGACAGGAGTCT  
 CGATCCCCCAGCAGAAGTCCCGGTCCCAAGGCCAGCAAAACCGCATACCTCTAAGGTAACAGGAAAG  
 AGAGAGACAGCCATCACCTAAGAAGGAGGCTACCAGAGGCGCATGCTTCTGGGTACACCAGGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: BC079553  
 Insert Size: 978 bp



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<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="#">BC079553</a> , <a href="#">AAH79553</a>
<b>RefSeq Size:</b>	5862 bp
<b>RefSeq ORF:</b>	977 bp
<b>Locus ID:</b>	67480
<b>Cytogenetics:</b>	11 D
<b>Gene Summary:</b>	Involved in pre-mRNA splicing as component of the spliceosome.[UniProtKB/Swiss-Prot Function]