

## Product datasheet for **MC228157**

### **Ccdc149 (NM\_001256059) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ccdc149 (NM_001256059) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc149
Synonyms:	Gm447
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228157 representing NM\_001256059  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGACGGCGATCGGACCGAGAGCGACTGGCAGGGGCTGGTGAGCGAGTACCTGGTGTGTAAACGGAAGC  
 TGGAGAGCAAGAAGGAGGCTCTGCTGATCCTCTCCAAGGAGCTGGACACCTGCCAGCAGGAGAGGGACCA  
 GTACAAGCTCATGGCCAATCAGCTGCGAGAACGGCATCAGTCCCTGAAGAAGAAGTATCGAGAGCTGATT  
 GATGGAGATCCATCACTTCCCCTGAAAAGAGGAAGCAGGCTAATCTTGACAGCTGCTGAGAGAATCGC  
 AGGACAGGACTAAGCATCTGGGAGAAGAGATTAAGAAGCTTCGGCAGAGGCTTGGCGAGGTCCAGGGTGA  
 CAATAAGCTGTTGAGGATGACGATTGCCAAACAAAGGCTTGGAGATGAAGAAATCGGCATGAGGCACCTT  
 GCAGCCCACGAGCGGAAGACTTGGTTGAGCAGCTGGAGCGGGCTAAGGAACAGATAGAGTCGTTGGAGC  
 ATGACCTACAGGCCTCAGCGGATGAACTCCAGGATGTCAAGGAAGAGCGGGCTTCTACCAGGACAAAGT  
 GGACAGACTGAACCAGGAGCTCAACCACATCCTGGGTGGTCATGAGAACCGAATTATCGATGTGGATGCA  
 CTGTGCATGGAGAACAGATATCTCCAGGAGAGACTGAAACAACCTCCACGAGGAGGTGAGCCTTCTGAAAT  
 CGAACATTGCCAAGTACAAGAATGCTCTCGAGAGACGGAAAACTCCAAGAGCCAAGGCAATCCAGCAG  
 TAGTGCTCTGACTGGGGTCTTGTCTGCAAAGCAAGTTCAGGATCTGCTCTCTGAAGACCATGGGTGCAGC  
 CTCCCAGCTACTCCTCAGTCCATCGCTGACCTGAAGTCTTTGGCCACTGCCCTGCTGGAGACGATCCATG  
 AGAAAAATATGGTCATTCAGCATCAGAGGCAAACCAACAGGATCCTAGGGAATCGAGTGGCAGAGCTGGA  
 GAAGAACTAAGAAGCTCTGGAAGTTTCTGGCTTGTGGAGTCTTCCAGGGGCAAGGACACCATACTGCTC  
 AATGATCAGACTCTCCCCACCATACAGAGGTCAAAGTCCCCACTGTTGAAGTTTGTGGAACAGTCCACCG  
 ACAACAAGGAGAGTGCCAGAGATGGGGAGATTCAGAAGCAGGAAGATGAAAGCTGCGCAGCTGCTGAGGC  
 ACTGGCAGAGCCTGAGGATGCTGGAAAGCCTGCTGTGAGCTCCACAGCCCGCTGAGCCACGCGAACCCAG  
 CAGCACTTGGACTTTCATCATCCTCCTGTACCCAGCCACCTTCAAGAAGTAAACACGGTGGGGAGGG  
 AGAGTATCAACTGACTGATGGGCAGCAGGCTGCAGACCTGGAGGAGGTCCCAAGGGAGGCTCCCACGGA  
 GGAACAGAAGTGTGAGCCGGGGCTGCCCCATCGAGCCTGGCCTCCAGGAGGAATGCACCACAACCTTTC  
 CAGGACCACTTGCTTCCACACAGCCAGAGGTCAAAGCATCCAGTGTGGGAGGTAACAGAGGCATCTCAG  
 AGGGCGGAGACACAAGGAGTACTGTGCATACATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_001256059

**Insert Size:** 1575 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).

**OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

**Components:** 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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

**RefSeq:** [NM\\_001256059.1](#), [NP\\_001242988.1](#)

**RefSeq Size:** 3317 bp

**RefSeq ORF:** 1575 bp

**Locus ID:** 100503884

**Cytogenetics:** 5 C1