

## Product datasheet for **MC217012**

### **Ccdc105 (NM\_027630) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ccdc105 (NM_027630) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc105
Synonyms:	4931413A09Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217012 representing NM\_027630  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCCTGTGTGCTCCCTCCACCGACCCGGGCCAGGACTCGCGGTTGGGGCTCCAGAATGGCGCCAGG  
CGGCCAAGGCCACGTCTCGCAAGGCACACCTTCTGACCGATCGCTGTGGGCAGGAGGCGGTGACCATGTG  
GCAGCCCAAGGACAGTGTACTGGACCCGAACGTGGCACACCACCTGGGCCGCGCCGCTACATGGAACCC  
TGGCGCTTTCGGGTAGAGATGCTCAAAGGGGGCGGCACCTGGAAAAGCCACCGCCCGGAGAAGGCGTCA  
CCCTATGGAAGGAAGATGAAGCCCCGGCCTGGTACGCGCGCCTACCGCTGCCATGCACCGCGACGC  
GCGTGCCAGCAAACCGCCGAGGTGGTGCACGCGCACGCACGCGGGGCGCGCCTCACCGCCCGCCGCTG  
GGCCGCGCACAGCACCAGATCAATGGGCAGCTGCGGCTGCTGCTGCGCCAGCGGAGGCCACTGACC  
GGCTCAGCGAGGTGCGCAAGGGCCTGCTCATCAATCAGCAGAGCGTCAAGTTGCGGGGCTACCGACTAA  
GTGTGAGAAGATCCAGACAAGGCTGACAGCTTGCTTGTCTGGGAGAAAAAGGAAGTGAAGTCCATGAAG  
AGAAAAATGGAGAAGGACATGGAATATCGGAGGACTTGCTCAAGGCTCTGGCCTCTGCAGGGACTC  
TGGACTTCTACTGTCAGGAAAGGCTGCAAGCTGTGGAAGTCAATGAACCAGCCACTGGACAAAGTTCTGGA  
GCAGGCTGGCCGCACTCGTGGGTAGACATCACCCGACCCCAACTCCTCGAACTCAGGGCTTGA  
CCTCCTCTGACCCATTGGCACATATACCCAGCGTGTGCTAAGGCCTTGTTGAAGCCAAGCGCTTGT  
TGATGGAGTCAAAGACATCTTAACAGAGATGGCAAAGAATGAGGTGGACATTCAAAATCAACAACAGGA  
GATAAGCAACCGTGTATGCTCCTCGCTGGCACAGAAGATGCGTGAGACCTTGGAGTTGAAGGAAAGATG  
ACCATGACTTTGGGGCTAATGAGGGGACTATCCACCGTGCATGAAATCAATCAAGAGATGTACGTCA  
CGCGGGGCATCATCAAGGGTCTCTGTTGAAAAGGAACCTGGAGGCGCGAGAGAAACTGAACAGACCTT  
GGTTCGCATGTATCAGAGACACGTGGGCACCCAGCTCCCGAGGCTACTCGCCTTGCCAGGGTACTGAC  
CTGCTGACCCGCCACAACCTGACATGGAAGAATTTAAAAGAGCTCCGTACAACACACGATAACCTCG  
CCTGGGGCCTCAACTGCAAAAAGATAGGGCACGATGTGGACTACGATGTGGTGCCTGCGCCTACGCCA  
GCGCCACCCGACGTGTCTATGAGCAAGCGCAGCGCCTGGTCAACGACTGGGACCCTCCACACCAGCG  
CGCAGCCAAACCAATACCGCCTCAAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_027630

**Insert Size:** 1500 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).

**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\\_027630.1](#), [NP\\_081906.1](#)

**RefSeq Size:** 1718 bp

**RefSeq ORF:** 1500 bp

**Locus ID:** 70976

**UniProt ID:** [Q9D4K7](#)

**Cytogenetics:** 10 C1