

## Product datasheet for **MC222612**

### **Ccdc186 (NM\_170757) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ccdc186 (NM_170757) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc186
Synonyms:	1810028B20Rik; A630007B06Rik; A1159700; Otg1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:**

>MC222612 representing NM\_170757  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAAGATCAGGAGCAGATTTGAAGAAATGCAAAGTGAATTGGTGCCAGTCAGCATGTGACAGACAGAAC  
 ACATAGCCTCCATTTCTTCTGATGCAACTACTGAGAAAACATCGGAGTTGAGGGATGACTCGTGCATCTC  
 AGTTTCTGGTGACGAAAGCAGCAGATTAGAAAACAGGAGCTGAACTATTGTCATTGGACTCTGACAGAATT  
 TTATGTCAGACTAATGAACACTGTAGTCAGATCGAAGTACAGGAGAGCCATATCCAGACTGTGGCAGTG  
 GTGAGAATTTCTGTGCTAACACAGACACATGCCAGAAGATTCTGGACAAATAGATGACTTTCCTGGTGG  
 AGACTTTACAGAACAAGTGTCAAAAACCAAGGAGCCAGAACAGACAGTAACACAGATACTGGCAGAGTTA  
 AAGTCATCTGCACCCGAGAAAGCCGCTAATCCAAAGACGGCTCAGCAAGCCTCTACGACACAGACTGCA  
 CCAGGAAACTCATTCCGAGATGAAGACTGTTTCAGCCTCAGACGATTTGTTGGGAGAAAATCGAATCTGA  
 GCTCTTATCTGCTGAGTTTGAGAGGGCCACCAAGTCCCAAATGGACTGAATAAAGGAGAACAGGCCTTA  
 GCCCTGTTTGAGAAGTGTGTGCACAGCAGTACTTGCAGCAGGAGCTCACTGTTAAACAGTTAATTAAG  
 AAAATAAGAATCATCAGGAATTAATCTTAAACATTTGTTTCAGAAAAGACAGTTTAAAGAGAAGAACTGAG  
 AAAAAGGACAGAAAACAGAGAAGCAGCATATGAACACAATAAAGCAGTTAGAATTAAGAATAGAGGAACTG  
 AATAAAGAAATTAAGCTTCCAAAGATCAGCTAGTCGCACAGGATGTCACAGCTAAAAATGCAATTCAGC  
 AAATCCATAAAGAGATGGCCAGCGGATGGACCAGGCCAATAAGAAATGTGAAGAGGCCCGTCAGGAAAA  
 GGAGGCAATGGTAATGAAGTATGTGAGAGGCGAGAAGGAGGCTCTAGACCTGCGAAAGGAAAAAGAAACC  
 CTTGAGAGGAACTTAGAGATGCAAGTAAGGAATTGGAGAAAACTAACAATAAAGCAGCTGTCTC  
 AGGAGAAAGGGCGCTGCAGCAACTCTATGAATCGAAGGAAGGTGAAACAACACTAGACTCATCAGAGAAAT  
 AGAGAAAATTAAGGAGGAGATGAATTTCTCAAGTCAATTAAGTAAAGTAAAGTGGGCGCAAAAACAAGTTAAAGCT  
 GAAATGGACTCACACAAGGAAACCAAAGATAAACTCAAAGAAAACACTACAAAATAACCCAGGCAAGG  
 AGGAAGCTGAGCAATCCGGCAGAACTGTGAGGACATGATAAAGACCTATCAGGAATCTGAAGAAATTA  
 GTCAAATGAGCTTGATGCAAAGCTCAGAGTTACAAAAGGAGAACTTGAAAAACAATGCAAGAGAAATCT  
 GACCAGCTGGAGATGCATCATGCCAAAATAAAGGAGCTAGAAGATCTAAAGAGGACATTTAAGGAGGGCA  
 TGGATGAGCTACGGACATTGAGAACGAAGGCGAAATGTCTAGAAGATGAACGCTTAAAGACGGAAGATGA  
 GTTATCAAAGTACAGGAAATTAATCAATCGACAGAAATCTGAAATTCAGAATTTACTGGACAAGGTGAAA  
 ATCACAGATCAGTTACATGAGCAGCTTCAAAGTGGTAAACAAGAAATGAACATTTGAAAGAAGAAATGG  
 AAAGCCTTAATCTTTGATCAATGACCTCCAGAAAGACATTGAAGGCAGCAGGAAAAGGGAGTCTGAGCT  
 CCTGCTTTTACAGAAAAGCTCACGAGTAAGAACGCGCAGCTGCAGTCTGAGTCCAGCGCTCTGCAGTCC  
 CAGGTGGACAACCTGTCTGTACTGAGAGCCAGCTGCAAAGCCAGTGCCAGCAGATGGGACAGGCTAACCC  
 GTAATCTGGAGAGCAAGTTGCTCAAAGAGGAAGAGCTTCGAAAAGAGGAAGTACAGACTCTGCAAGCTGA  
 GCTTTCTGCTGCGCAGACCGAAGTCAAAGCCTTGAGTACCCAGGTGGAAGAGCTGAAAGATGAGTTAGTG  
 ACGCAGAGGCGCAAAACACGCCTAACGTCAAGGACCTCAGCAAGCAGCTTCAGCAAGCTCGGAGAAAGT  
 TAGAGCAGACTGAGAATGGAACCACGATAAAGACATTAGCAGTATGGGAAGTCGCTCGAGTTATCAGG  
 GTCACCTAATGCTCGAATCAGTGTGAAGACCGATCTCCAGAGAATACCAGCTCCTCGGTGGCTGTGGAC  
 AACTTCCCAGAAGTGGACAAAGCCATGCTGATTGAGAGGATAGTGAGGCTACAGAAAGCCCATGCCCGGA  
 AGAATGAGAAAATAGAATTCATGGAGGACCACATCAAACAGCTGGTTGAAGAAAATAAGAAAAAAAACCAA  
 AATAATTCAGAGTTACGTTTTACGAGAAGAATCAGGCACACTTTCCTCAGAAGCATCTGATTTTAAACAAA  
 GTGCATTTGAGTAGACGCGGTGGCATCATGGCGTCTTGTACACATCCCATCCCCTGACAGCGGGCTAA  
 CACTGGAGCTCTTTGGAAATCAACCGAAAATACAGGCTGTTTTGGAAGATACATTGCTAAAAAATAT  
 TACTTTGAAGGAAAACCTGCAAACACTTGAACAGAAAATAGAACGCTTATTAACACCAGCATGAACTG  
 GAGCAGAGGACGAAGAAAGCC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-MluI

ACCN:	NM_170757
Insert Size:	2754 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:	<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>
RefSeq:	<a href="#">NM_170757.1</a> , <a href="#">NP_739563.1</a>
RefSeq Size:	2754 bp
RefSeq ORF:	2754 bp
Locus ID:	213993
UniProt ID:	<a href="#">Q8C9S4</a>
Cytogenetics:	19 D2