

## Product datasheet for **MG206891**

### **Ccdc85a (BC066065) Mouse Tagged ORF Clone**

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids  |
| Product Name:             | Ccdc85a (BC066065) Mouse Tagged ORF Clone                                  |
| Tag:                      | TurboGFP   |
| Symbol:                   | Ccdc85a  |
| Synonyms:                 | RP23-398G11.2  |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pCMV6-AC-GFP (PS100010)  |
| E. coli Selection:        | Ampicillin (100 ug/mL)   |
| ORF Nucleotide Sequence:  | >MG206891 representing BC066065<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCTAAGGCGGCTGGAGGCTCAGCGCCAGCGCGGAAAGTTGTCCCTCGGCTCCGGCCGGTGCCTCGA  
CACCCACGGCGTGGATGATCTAATAAGTGACGGACGAAGAGCTGCTGCAGTGGAGCAAGGAGGAGCT  
GATCCGCAGCCTGCGGCGAGCCGAAGCCGAGAAGGTGAGCGCGATGCTGGACCACAGCAACCTCATTCCG  
GAGGTCAACCGCCGCTGCAGCTGCATCTCGGCGAGATCCGAGGGCTCAAGGATATTAACCGAAACTCC  
AGGAAGACAACCGAAGTGAAGGACCTATGCTGTTTCCTGGATGATGACCGGCAGAAAGGCAAAAGGGT  
GTCCCGGAGTGGCAAAGATTGGGTGCTACACAGCTGGAGTATGCACAAGGAAGTGGCCTTATACTTG  
CAGAAGCTGAAGGAGCTGGAGGTGAAGCAGGAGGAGTGGTGAAGGAGAACATGGAACCTAAGGAACCT  
GCATGTTGCTGGACGAGGAGAAGGGCGTAGGATGTGCCGGCAGCAGCACCTCTAGCACTGGCAGTACTGA  
TAGTCCTGACCACCACAAACACCATGCCAGTGGGGGAAGCCCTGAACATTTACAGAAGCCCCGGAGCGAG  
GGCAGCCCAGAGCACACCAACACAGGAGCACTAGCCCTGAACATCTACACAAACCCAGGGCTTCTGGGA  
CCCCAGATCACTCCAAGCACTGAAAGGACCCAGCCCTGAGCACCACAAGCCCTGTGCAAGGGCAGCCC  
CGAGCAGCAGAGGCACCCACATCCAGGGAGCAGCCAGAAGTGTGCCAAGCACGTGTTGAGTGGGAGC  
CCTGAACATTTCCAGAAGCATAGGCCAGGAGGCCCCGGAACACACCAGGCACAGTGGAGGGAGCCCTG  
AGCATCTTCAGAAACATGCCCTTGGTGGGAGCCTGGAGCACCTCCCAGAGCCAGGGGAACAAGCCCAGA  
GCATCTCAAACAACATTACGGGGCCAGCCCTGATCACAACATGCAAGTGGCAGTGGAGGAGCGCGGG  
GGCAGCAGGGAAGGCACCCTCCGGCGCCTGCTCAAGAGGATTCATCCCATCACCAGGATGTCTACA  
GCGGCATGAATGAATCAACCTTGTCTATGTTAGGCAGCTGGAGGCCAGAGTCAGACAGCTGGAAGAAGA  
AAATCGCATGCTGCCAGGTTGTGTGGAGGAACTGGAGATGCTGCAGGCTCCTGTCTGGAATTAGG  
CAACATTTGTCAGGAAACCAAGTACAAAGGCCTATG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG206891 representing BC066065  
 Red=Cloning site Green=Tags(s)

```
MSKAAGGSAPAAESCPSAPAGASTPTGVDDL SKVTDEELLQWSKEELIRSLRRAEAEKVSAMLDHSNLIR
EVNRRQLHLGEIRGLKDINQKLQEDNQELRDLCCFLDDDRQKGRKRSREWQRLGRYTAGVMHKEVALYL
QKLKELEVQEEVVKENMELKELCMLLDEEKGVGCAGSSTSSTGSTDSPDHHKHHASGGSPPEHLQKPRSE
GSPEHTKHRSTSPEHLHKPRASGTPDHSKALKGSPPEHHKPLCKGSPEQQRHPHPGSSPEVLPKHVLSGS
PEHFQKHRPGGSPPEHTRHSGGSPPEHLQKHALGGSLEHLPRARGTSPEHLKQHYGASPDHKHASGGSGG
GSRGTLRRPAQEDSSSHRNVYSGMNESTLSYVRQLEARVRQLEENRMLPQVYVWRKLGDAAGSCPGIR
QHLSGNQYKGP
```

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** BC066065

**ORF Size:** 1298 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:** [BC066065](#), [AAH66065](#)

**RefSeq Size:** 3364 bp

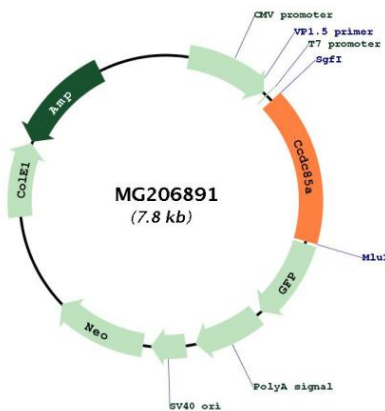
**RefSeq ORF:** 1298 bp

**Locus ID:** 216613

**Cytogenetics:** 11 A3.3

**Gene Summary:** May play a role in cell-cell adhesion and epithelium development through its interaction with proteins of the beta-catenin family.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MG206891