

## Product datasheet for **RG207044**

### **C20orf160 (CCM2L) (NM\_080625) Human Tagged ORF Clone**

#### Product data:

|                                  |                         |
|----------------------------------|-------------------------|
| <b>Product Type:</b>             | Expression Plasmids     |
| <b>Tag:</b>                      | TurboGFP                |
| <b>Symbol:</b>                   | C20orf160               |
| <b>Synonyms:</b>                 | C20orf160; dJ310O13.5   |
| <b>Mammalian Cell Selection:</b> | Neomycin                |
| <b>Vector:</b>                   | pCMV6-AC-GFP (PS100010) |
| <b>E. coli Selection:</b>        | Ampicillin (100 ug/mL)  |

**ORF Nucleotide Sequence:** >RG207044 representing NM\_080625  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAATATGAAGTCAAGAAAGGGAAGAAGGGCTTTGTATCCCCATCCGAAGGCTGGTGTCCCAAGG  
CCGGGCGCCGGGAGCCTGTAGGAGCAGCGTGAGCCGCCGCCCTGCACTCGATGCCCTTTATCCCC  
CGACTACCTCATCGACCCAGATTCTGCTGTGTGACTACCTGGAGAAAGAGGTCAAGTTCCTGGGCCAC  
CTTACCTGGGTGACTTCTCACTGAACCCCTCCAGTCGGGACGAGCTCCTGCAGCTGCTAGACACGCCA  
GGCAGCTGAAGGAGCTGCCGTGAAGACCACGGCGGAGCAGGACAGCATCCTGAGCCTGTCTGCCCGCTG  
CCTGCTGCTCACCTGGCGGACAATGAAGAGCTCATTCTGCGAATCCCTACGCACGAGATCGCCGCCGCC  
TCCTACCTGCAGGACGACGCGTGCACCTGCTAGTGCTCAAGACCGGTCTGGGTGTGGACCCGGTGCCGG  
CCGGCGTGGATGCCAGCCAGGCGGCGCAGGACGCGACCCCGCCCGCAGGCGGGGCGCCGAGAAGCG  
GCGGGTGGGACCGCGAGCGGCGCCACACCATCTGCAGCCTGGACTGGCGGATGGGGTGGGGTGGGGG  
GCCGCGGAGGCCCCGGGCGGGGAGGCGGCGGCGGCGAGCTTGGAGCGCCAGCGCGCCGGGCGCGGGCGT  
CGGGCAGCTGGGAGCGACGCGAGCGTTTCAGCGGCGAGTGGGAGCGGCGGACGAGGCGGCGGCGGCGG  
CGGCGGCGCGGAAAGCGGGCGGTAGCTGGGAGCGGAGGCGGCGGCGGCGGCGGCGGCGGCGGCGG  
GAGCGGCGCCACCCCGGCCCAACCCGCTCGACCCGCGAGGACCCAGCCCGACGCTACTGCAACCTGG  
TCATCTGGCTGTAGCCAACAGGGACGCTGCAGAGGAGTCTGCGCACTCATCTGTCAAGTCTTCCAGAT  
CATCTACGGGACGAGTATTGAGTGTGTGGACCGGGCTGGCTACCACTACACATCCACACCTGAACGG  
CCATGGCTCTGCAGCCGATAATGGCTCCAGGACACCTTTGAAGCATGTTACAGCGGACGCTCCACACC  
TTCTTTCCATGGCTCCCACTGCAGCGGCGAGCGACACAGCAGTCTGGGCTTGGAGCAGTTACAGGATTAC  
ATGGTCACGTTGCGGAGTAAGCTGGGGCCCTCGAGATCCAGCAGTTTGCATGCTGCTGCGGGAGTACC  
GGCTGGGGCTGCCATCCAGGACTATTGCACAGGCCTGC

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA



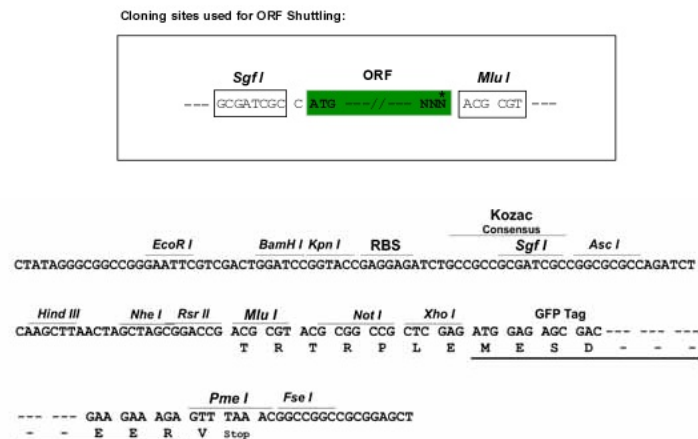
**Protein Sequence:** >RG207044 representing NM\_080625  
Red=Cloning site Green=Tags(s)

MEYEVKKGKGFVSPIRRLVFPKAGRRAACRSSVSRRLHSMPLYPPDYILDPQILLCDYLEKEVKFLGH  
LTWVTSSLNPSSRDELLQLLDTARQLKELPLKTTAEQDSILSL SARCLLLTWRDNEELILRIPTHEIAAA  
SYLQDDALHLLVLKTGLGVDVPVAGVDASPGGAGRDPGPPGGAPEKRRVGTAEERRHTICSLDWRMGWGGG  
AAEARAGGGGGSLERQAGARASGSWERRQTFSGSWERRHGGGGGGGAGKPGGSWERRQAGSGGGGSW  
ERRHPGNPLDPQDPSPDAYCNLVILAVANRDAAEESCALICQVFQIIYGDQSIQVDRAGYHYTSTPER  
PWLCSRIMAPRTPLKHVTAARPHLLSMAPTAATAATTAVAWSSYRITWSRCGVSWSGSRSSSLRCCCGST  
GWGCPSTIAQAC

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_080625

**ORF Size:** 1299 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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_080625.4](#)

**RefSeq Size:** 2566 bp

**RefSeq ORF:** 1302 bp

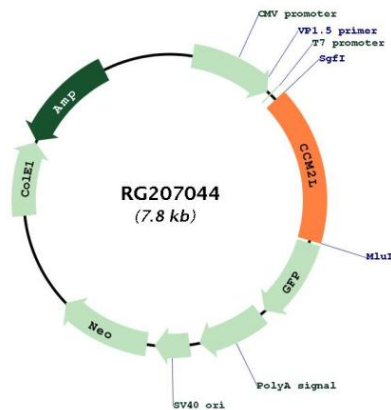
**Locus ID:** 140706

**UniProt ID:** [Q9NUG4](#)

**Cytogenetics:** 20q11.21

**Protein Families:** Druggable Genome

## Product images:



Circular map for RG207044