

Product datasheet for **MG215600**

Ccdc190 (NM_001033185) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Ccdc190
Synonyms:	1700084C01Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >MG215600 representing NM_001033185
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGACAGAAGCATGGTGAAGGGACCTCTGTATAAGCAGTTTGACTTGGAGAGAAGAGTGCCAGGCAAG
CAGAAGCCAGACTCAGCCTTAGACTGCAAAGGCTGGAGGTCATCTGCCTCTATCACGTGAAATCGCTAGC
CAGGGAGCAGAGACAGCTTCAGAAAGAAGCTGCAGCGCCTGCAGCAAGCAGATATCATCAAGAAAAGGTTT
TCTTCTTATGTGGGGCATGAAATTCAAAAGAGATCGAAAGATGTTGTCACATTCTTGCCACCAACAGGAC
AGAGGCACGCAGTCCCGGAGCCTAAAATTAGAACACTGAAAAACAGTGTTACCCAAGAAGTTAAAACTAA
GATTCGGTGCCCTCTTTACATGACCCTGTCTCAAAGACACCCTGAGAAGCCAAGAGCACCTTCTATCT
CACGGTGAGAGAACCAGCTGCTTCAAAGAAGGAAGCCACAAGGCCAGGAGGGAGAGCCACGAATCCAC
TGAAGGGCGTGGACCCAGCAAGGATGTCTGTCCCATGTCATGACCAAGAGCTGTCCACCAACAAGAC
AGAAGACAGTGGCGTGTCCAGCCAAGATGGTAAGAGAGGGTCAGCACCTGCTAATGAGACCAGATCTGAA
AATGCCAGTCAAAGCCACGTGGAGATGTGATGTACAAAATTCACCCAGCTCCGTGGACTATGCAGGAA
GCTTCAAAGATGAACGCACAAAGCCATCCTTCTAGAGCTGTTGAAAAGGCCAAGAATGCTCACTATGT
CCGCCACAGGGTGCCCCCGAGTCTGAGAGATTACTTAGCATCGGAGAGATATTTGGACACAAACACTAC
TCACTCCCCAGAACAGGGGAAACACTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



Protein Sequence: >MG215600 representing NM_001033185
Red=Cloning site Green=Tags(s)

MDRSMVKGPLYKQFDLERKSARQAEARLSRLQRLEVICLYHVKSLAREQRQLQKELQRLQQADIKKRF
 SSYVGHEIQKRSKDVVTFLLPPTGQRHAVPEPKIRTLKNSVTQEVTKIPVPSLHDPVVKDLRSQEHLLS
 HGERTSCFKEGSPQGEPTNPLKGVDPKDVSPCHDQELSTNKTEDSGVSSQDGKRGSAVANETRSE
 NASQKPRGDADVQNSPSSVDYAGSFKDERTKPSFLELFKAKNAHYVRRVPPESERLLSIGEIFGHKH
 YSLPRTGETL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: NM_001033185

ORF Size: 867 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_001033185.2](#), [NP_001028357.1](#)

RefSeq Size: 1440 bp

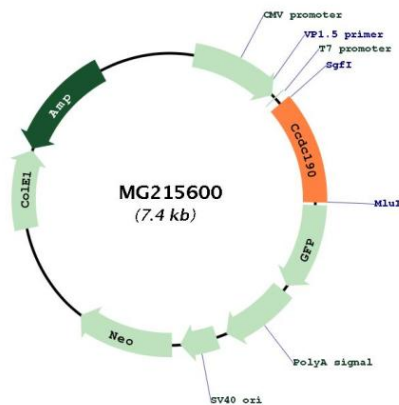
RefSeq ORF: 867 bp

Locus ID: 78465

UniProt ID: [Q3URK1](#)

Cytogenetics: 1 H2.3-H3

Product images:



Circular map for MG215600