

Product datasheet for **MG215683**

Ccdc34 (NM_026613) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc34 (NM_026613) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ccdc34
Synonyms:	2810027O19Rik; 4930522P10Rik; AI596202
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG215683 representing NM_026613 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCGGGCCGCTGGGCCGTGGCGGGCTGCCTCTCCGGCTCCGTGCACCCGTTACCTCGCCCGCTGCAAGC
 CGGGCTTCCGGCCCTCTCGAGTTTGTGCTCGACCTCTTAGTGGATTCCGGGGATCCAGGGCTGGAGGA
 TGTGGCGCTGACCGAGTGCTTGTGCGCCCGCTCTGAGCTGCAGCAACTCCACCCTGTCCTGTTGTCT
 CCCCTTGGCCACCAGAGCTTCCGTTTGGCGGACGACAGTGAGGGGGAGGATGAAGAGGCCCTGGACG
 AAGATGCCCGTGAGTCCGAGAGCAAGGTGGAGAGCTTGAAGGAATAGAGTTCCAGCAGCGCTCCAGCTG
 TGAAGTTGAGTCGCAAGACAAACAAGAGAAGCTGGTGCTGTACAGCACGGCAGTCTGACGCCATGGGAG
 ATGTGGTTTGTGGCAAGGAGAAAGAAGAGCGAGGCCGGCTACAACAGAAATTTCTGGAGGAATTAATC
 AGCAAAATAGAAAAAGAAAAAAGAAATGGAAGAACGTGAAAAAGGAAGATAATTGCTGAAGTAAAGCACAA
 GGAATGGGTTCAAAGAAAAAATAGCAGGAAAGGAAAGGAACAAAAATTAATAAGGAAATGGAA
 GAAAAAGAAGCAAAAAACGGGAGAAAGAACATTTGCAAGAAAAAGCAAAAGAAAAATATCAAGAATGGT
 TGAAGAAAAAAAAGCTGAAGAGTATGAGAAGAAGAAAAAGAGAAGGAAAAAGCAACGGCAAGC
 AGAATTACAGGAGAAAAAGGAAATCGCAGAAAAAAGTTTAAAGAATGGTTGAAAAATGCAAAAAATAAA
 CCTCGTCCGGCTGCAAGAGCTATGGTTACTCCAGTGGAAGCTTACAGGTTTTTACAGTGGAATTCCT
 ACCCAGAACCAACTTTTTATAACCAATTCTTGGAAAGCAATTATATGCCCCCTCCTAAGGAAGCTAA
 GAGTGACCCGGAAGAAGAGTAACGACATGCAGCGAGCCAGCCCTCCCATCGTCATCCCTGGCAGTT
 CATAATGCCAAGAGCAGTCTTGCCTTGGAGCTCTGTGCCGAGGACAGAGA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


[View online »](#)

Protein Sequence: >MG215683 representing NM_026613
 Red=Cloning site Green=Tags(s)

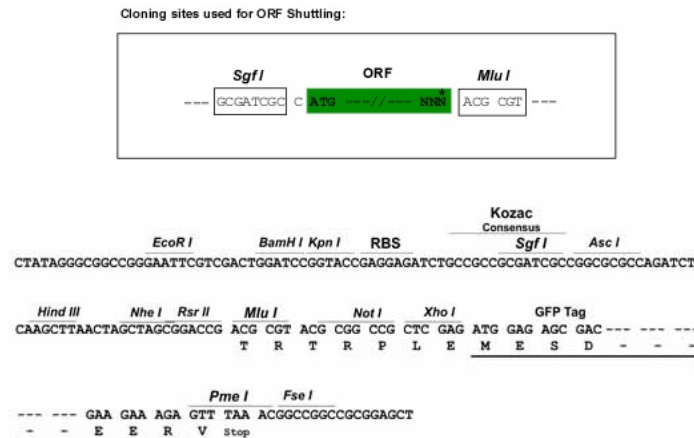
MRAAGPWRAASPACTRYLARCKPGFRPSSSFVVDLLVDSGDPGLDVALTECLSPPSLSCSNSTLSLLS
 PLGHQSFPPFGADDSEGEDEEALDEDAESESKVESLEGIEFQQRSSCEVESQDKQEKLVLLQHGS LTPWE
 MWFVGKEKEERGR LQQKFLEELNQIEKRKEMEEREKRKIIAEVKHKEWVQKKNKQERKEREQKINKEME
 EKEAKKREKEHLQEKAKEYQEWLKKKKAEEYEKKKKEKEKEKQQAELQEKKEIAEKKFKEWLENKKNK
 PRPAAKSYGYSSGKLTGFYSGNSYPEPTFYNPWKPIHMPPPKEAKSGPGKKSKRHAASQPLPSSSLAV
 HNAKSSLCLGALCRGQR

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_026613

ORF Size: 1101 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_026613.4](#), [NP_080889.3](#)

RefSeq Size: 2097 bp

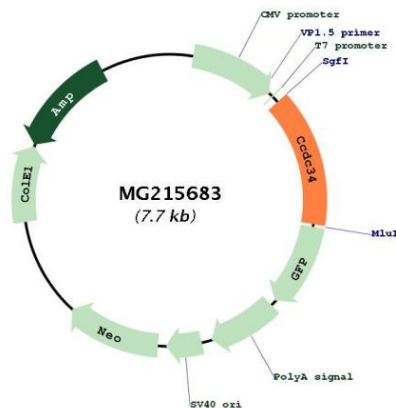
RefSeq ORF: 1104 bp

Locus ID: 68201

UniProt ID: [Q3UI66](#)

Cytogenetics: 2 E3

Product images:



Circular map for MG215683