

Product datasheet for **MG203734**

Ccdc117 (NM_134033) Mouse Tagged ORF Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Ccdc117 (NM_134033) Mouse Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | Ccdc117 |
| Synonyms: | 1110004K02Rik; 1700026O03Rik; AU018638; AU042822; AV173073; BC018601 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >MG203734 representing NM_134033 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGCCCTCGGCCGGCCCTCAGCGGCCTCCCTCTGAGCGGCAGCGCGGACTTCTGCAGCCGCCAC
CGGCCTTCGCGGGCCGGCCTTCCCGCCAGGAGCCGCGGCCATGACCTGGCCCCGCGCCCGGTGTCCG
CGGCGCGCCGAGCAGCCGGGCGGAGAACAGCGCGCGGACGTGTTCCATTCACTGTAGAAAGAAACAC
AAGCGTTGGCGGAGGATGATGAGTGTCCAGTAAGAAAGAAACGACTGACTGAAGCTGAAGCTCGGTGCAG
TACTGATGAATGGGCTCTCGGCGCACATCAGGAAGAGAAGGTCATGGGGTAAACACGTGTCCTAGCAG
CCTTTCTATGCCAGCATGCTAGATGTGGTCTGTGAGGAAATGGATCAGACAACCTGGAGAACCACAGTGT
GAAGTCGCCCCGAAGGCGGCTGCAAGAGATTGAGGACAGGATAATTGACGAAGATGAAGAGTTGAAAGTG
ACAGAAATGTTAGCCACCTCCCAAGTCTTGTCTTCTGACACCATGAAAACGGGTTTGAAGAGGGAATT
TGATGAAGTCTTCACAAAGAGGATGATTGAGTCTATGAGCCGTCCTTCTATGGAGCTTGTGCTCTGGAAA
CCTCTCCTGAAGTCTTCTGAGAAGCCAAAGCCATCATCTAGCCCTAAGAACTACAGGAGAGAGAGCC
AAGCAAAGCACGAGCTCCGGGCACTGCGTCCACAGAGGACTGAAGGGTTGCTGGAACCTCAGTGCAG
AGACGCGCCGCTTACCGTAGTCTGGAGGCAGCTACTAGCACAGAGGAGGAGATGGAGCTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203734 representing NM_134033
 Red=Cloning site Green=Tags(s)

MAALGRPFSGPLPLSGSADFLQPPPAFAGRAFPFGAAGHDLAPRPGVVRGAPSSPGGRTARGRVSIHCRKKH
 KRLAEDDECVPVRKKRL TEAELGAVTDEWALGAHQGREGHGVTCPSSL SMP SMLDVVCEEMDQTTGEPQC
 EVARRRLQEIEDRIIDEDEEVESDRNVSHLPSLVLSDTMKTGLKREFDEVFTKRMIESMSRPSMELVWLK
 PLPELLPEKPKPSSSPKNYRRESQAKHAAPGTAFQRTEGLLEPQCADAPLYRSLEAATSTEEEMEL

TRTRPLE - GFP Tag - V

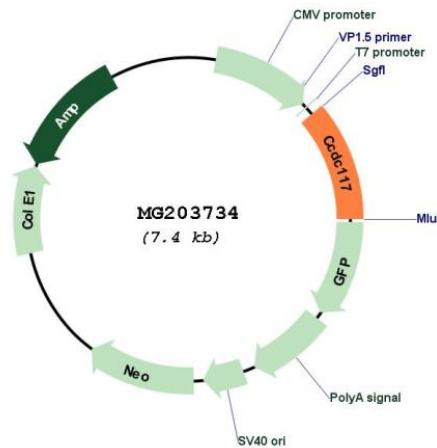
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_134033

ORF Size: 831 bp

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|-------------------------------|---|
| 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: | <ol style="list-style-type: none">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: | NM_134033.2 |
| RefSeq Size: | 3358 bp |
| RefSeq ORF: | 834 bp |
| Locus ID: | 104479 |
| UniProt ID: | Q6PB51 |
| Cytogenetics: | 11 A1 |