

Product datasheet for **MG203451**

Ttc33 (NM_026213) Mouse Tagged ORF Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Ttc33 (NM_026213) Mouse Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | Ttc33 |
| Synonyms: | 2410099M07Rik; 2900001O04Rik; AI507072; AW538342; Osrf |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >MG203451 representing NM_026213 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTTCCTTTGGGTGGAAGAGGAGAATTGGCGAGAAGGTATCCAAGGCCACGTCCCAGCAGTTTGAAG
CAGAAGCAGCTGATGAGAAGGATGCAGCTGAGAACGAGGATGGGAACGGCTTCAGGCCAGCAAACGGAG
GAAGGAAACCTGCAGGAGGGCTGTAACAGAGGAGCCAACAGCTGAAGGATGAAGGGGCTCAGCTGGCT
GAAAACAACGATACAAGGAGGCAATTCAGAAGTGGGATGAAGCACTACAGCTAACCCAGGTGATGCCA
CCCTTTATGAGATGAAATCACAGGTCCTGCTGTCTTTCATGAAATGTTCCAGCAGTCCATGCAGCAGA
GATGGCTGTCAAGCGTAACCCACACTCGTGGGAGGCGTGGCAAACCTTTAGGTCGAGCTCAGCTTGGATTA
GGAGAGATAGTTCTGGCAATTCGAAGCTTTCAAATAGCCCTGCACATATATCCGATGAACCTGAACTCT
GGAAGGAAGACCTTTCTTGGGCCAGAAAGCTCCAAGAACAGCAGAAAGTAGCCAGAGGATTGAAAACAA
AGAAATGCCCCGGAAGGCCCGGACCTCTCCAGGGTCCATCCCGGACTATGACTTTGAAAGCGATGAG
ATTGTTGCTGTTTGTGCAGCCGTGGCAGAAAAACAGAAGTCGGTGTCTGCAAATAAAACAATGGTTATTG
TGTCGGCTGTGGGACTGTAGAGATCGTAAACGAGAAGGAAGAGGGCTCTCCACCCAGATGGCTCCGT
CTTTATCAAAGCCCGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203451 representing NM_026213
 Red=Cloning site Green=Tags(s)

MASFGWKRRIGEKVSKATSQQFEAADEKDAENEDGNWLQASKRRKETLQEGCKQRSQQLKDEGAQLA
 ENKRYKEA IQWDEALQLTPGDATLYEMKSOVLLSLHEMFPAVHAAEMAVKRNPHSWEAWQTLGRAQLGL
 GEIVLAIRSFQIALHIYPMNPELWKEDLSWARKLQEQQVAQR IENKEMPPPEGPDLSPGSIPDYDFESDE
 IVAVCAVAEKQKSVSANKTMVIVSASGTVEIVNEKEEGSSTPDGVSFV IKAR

TRTRPLE - GFP Tag - V

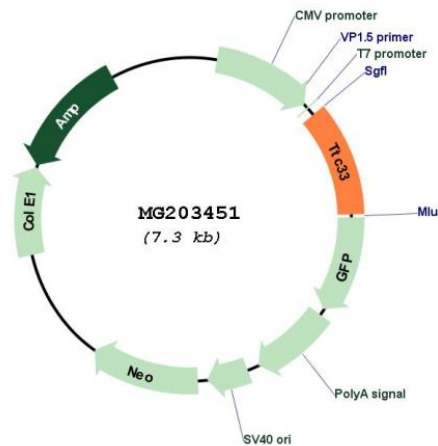
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_026213

ORF Size: 786 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_026213.3 , NP_080489.1 |
| RefSeq Size: | 1832 bp |
| RefSeq ORF: | 789 bp |
| Locus ID: | 67515 |
| UniProt ID: | Q9D6K7 |
| Cytogenetics: | 15 A1 |