

Product datasheet for MG215251

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1700001C19Rik (NM_001172091) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: 1700001C19Rik (NM 001172091) Mouse Tagged ORF Clone

Tag: TurboGFP

Symbol: 1700001C19Rik

Mammalian Cell

Selection:

Neomycin

Vector: pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >MG215251 representing NM_001172091
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGGCCAAAATAAAGGATTCACAGAAATCCTTAGTCCCCAGCCGTGGGCAAAAGATGACATCAGGCACAA AGGCAAAAGGTGCCGCTGACGGCATTGTCCCAGAAATGGAAACGGGACCGAGAGCAGACTCTGGAGGCAGC TTATGTACCAGTGGTGGTGGATCCTCGGGGGCAGAACCCAGACACTAGCATCAGGTTCAGTTTCTACAAC TCACAGTATTCCAAATTCTCTAAATCCCTTCTACACCCTGCAGAAGCCCACCTGTGGCTACCTGTACCAAA GAGAAACCGACCACACCCGAAAACGCTTTGATGTTCCTCCAGCAAACCTGATCTTGTGGCGCACC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG215251 representing NM_001172091

Red=Cloning site Green=Tags(s)

MAKIKDSQKSLVPSRGQKMTSGTKAKVPLTALSQKWKRDREQTLEAAYVPVVVDPRGQNPDTSIRFSFYN

SQYSNSLNPFYTLQKPTCGYLYQRETDHTRKRFDVPPANLILWRT

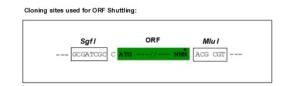
TRTRPLE - GFP Tag - V

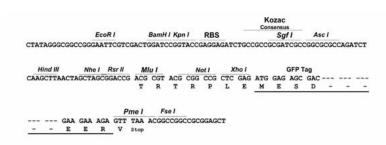
Restriction Sites: Sgfl-Mlul



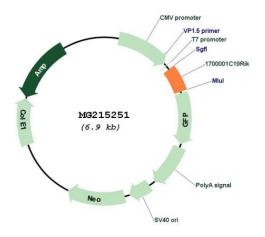


Cloning Scheme:





Plasmid Map:



ACCN: NM_001172091

ORF Size: 345 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: 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: <u>NM 001172091.1</u>, <u>NP 001165562.1</u>

RefSeq Size: 1340 bp
RefSeq ORF: 348 bp
Locus ID: 75462

Cytogenetics: 17 C