

# **Product datasheet for MG219602**

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OriGene Technologies, Inc.

# 1700013D24Rik (NM 001177502) Mouse Tagged ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

**Product Name:** 1700013D24Rik (NM\_001177502) Mouse Tagged ORF Clone

Tag: TurboGFP

**Symbol:** 1700013D24Rik

Mammalian Cell

Selection:

Neomycin

**Vector:** pCMV6-AC-GFP (PS100010)

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

ORF Nucleotide >MG219602 representing NM\_001177502 Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGGCAGAGATTGATCCAGGGGTCAGTCTGTTCCCAAGTGGCATACCTTGGCTCTATGTGGTGTTTTGCTA TACTCTTTGTATTTTTCCTTTTTGTCATGTTCTCGCCTTTTTTGCTCGAGATAGACCAGCACCAAGAA ATTCTTTCTCAGGTGCCGATGTTCTCTGCGCAATGTTTCCTATAAGGATAAAGACAATATTAAGATGAAG ATGAACCATCTGGGAGGGGCAAGATGTCTTCTTCAGGCCCGTGGGAGAGAAGCTCCAAGAAGAGAGGCAG CTGGTGGGAGAGAGCACCCAGGAAGTCTCAGTTCTGGTGGAGAGAGGAGGAGGACCCAGGAAGTCTGCCCAGT

GACAGCAGTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG219602 representing NM\_001177502

Red=Cloning site Green=Tags(s)

MAEIDPGVSLFPSGIPWLYVVFAILFVFFLFVMFSPFLLEIDQHTKKFFLRCRCSLRNVSYKDKDNIKMK

MNHLGGARCLLQARGREAPRREAAGGRGDSSVLVEMVGERTQEVCPVTAV

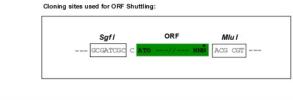
TRTRPLE - GFP Tag - V

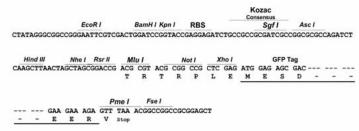
**Restriction Sites:** Sgfl-Mlul



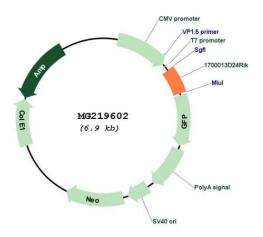


#### **Cloning Scheme:**





# Plasmid Map:



**ACCN:** NM\_001177502

ORF Size: 360 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



## 1700013D24Rik (NM\_001177502) Mouse Tagged ORF Clone - MG219602

**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 001177502.1</u>, <u>NP 001170973.1</u>

RefSeq Size: 535 bp
RefSeq ORF: 363 bp
Locus ID: 76921
Cytogenetics: 6 F2