

# **Product datasheet for MG218859**

## Ramp1 (NM 001168392) Mouse Tagged ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

Product Name: Ramp1 (NM\_001168392) Mouse Tagged ORF Clone

Tag: TurboGFP

Symbol: Ramp1

**Synonyms:** 9130218E19Rik

Mammalian Cell Neomycin

Selection:

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

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

ORF Nucleotide >MG218859 representing NM\_001168392
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

GCGCACTCCGCTCTGTTCTGGGCCTGCCACGGTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG218859 representing NM\_001168392

Red=Cloning site Green=Tags(s)

 ${\tt MAPGLRGLPRCGLWLLLAHHLFMVTACRDPDYGTLIQELCLSRFKENMETIGKTLWCDWGKTIQVCRKQF}$ 

RAAMAFQLGSASCTLNACPKGSACALPLCSGPATV

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul



**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

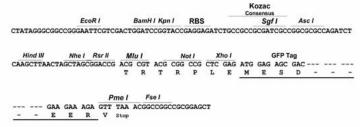
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

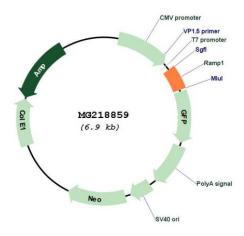


#### **Cloning Scheme:**





#### Plasmid Map:



**ACCN:** NM\_001168392

ORF Size: 315 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

### Ramp1 (NM\_001168392) Mouse Tagged ORF Clone - MG218859

**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 001168392.1</u>, <u>NP 001161864.1</u>

RefSeq Size:931 bpRefSeq ORF:318 bpLocus ID:51801

Cytogenetics: 1 46.08 cM

**Gene Summary:** Transports the calcitonin gene-related peptide type 1 receptor (CALCRL) to the plasma

membrane. Acts as a receptor for calcitonin-gene-related peptide (CGRP) together with

CALCRL.[UniProtKB/Swiss-Prot Function]