

Product datasheet for MR219079L4

Trem1 (NM_021406) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Trem1 (NM_021406) Mouse Tagged Lenti ORF Clone

Tag: mGFP Symbol: Trem1

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF i

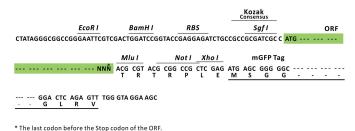
Sequence:

The ORF insert of this clone is exactly the same as(MR219079).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





ACCN: NM_021406

ORF Size: 690 bp



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



Trem1 (NM_021406) Mouse Tagged Lenti ORF Clone - MR219079L4

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 021406.4</u>

 RefSeq Size:
 3005 bp

 RefSeq ORF:
 693 bp

 Locus ID:
 58217

 UniProt ID:
 Q9]KE2

Cytogenetics: 17 C

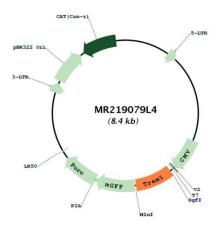
Gene Summary: Stimulates neutrophil and monocyte-mediated inflammatory responses. Triggers release of

pro-inflammatory chemokines and cytokines, as well as increased surface expression of cell activation markers. Amplifier of inflammatory responses that are triggered by bacterial and fungal infections and is a crucial mediator of septic shock (By similarity). [UniProtKB/Swiss-

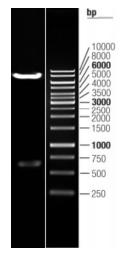
Prot Function]



Product images:



Circular map for MR219079L4



Double digestion of MR219079L4 using Sgfl and Mlul