

### **Product datasheet for RC205241L4**

# MMD (NM\_012329) Human Tagged Lenti ORF Clone

### **Product data:**

**Product Type:** Expression Plasmids

**Product Name:** MMD (NM\_012329) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: MMD

Synonyms: MMA; MMD1; PAQR11

Mammalian Cell Puromycin

Selection:

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

Sgfl-Mlul

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC205241).

Sequence:

luence:

Restriction Sites: Cloning Scheme:

Cloning sites used for ORF Shuttling:

Sgf 1 ORF Mlu I

----GCG ATC GCC ATG ---//--- NNN ACG CGT ---



<sup>\*</sup> The last codon before the Stop codon of the ORF

**ACCN:** NM\_012329

ORF Size: 714 bp



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#### MMD (NM\_012329) Human Tagged Lenti ORF Clone - RC205241L4

**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.

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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 012329.2</u>

RefSeq Size:2723 bpRefSeq ORF:717 bp

UniProt ID: Q15546

Locus ID:

Cytogenetics: 17q22

**Domains:** UPF0073

**Protein Families:** Druggable Genome, Ion Channels: Other, Transmembrane

**MW:** 27.7 kDa

**Gene Summary:** This protein is expressed by in vitro differentiated macrophages but not freshly isolated

monocytes. Although sequence analysis identifies seven potential transmembrane domains,

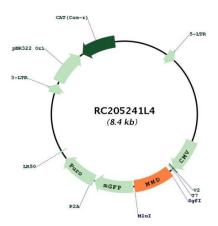
this protein has little homology to G-protein receptors and it has not been positively

identified as a receptor. A suggested alternative function is that of an ion channel protein in

maturing macrophages. [provided by RefSeq, Jul 2008]



## **Product images:**



Circular map for RC205241L4