

### Product datasheet for MR202489L4

# Gimap4 (BC005577) Mouse Tagged Lenti ORF Clone

Puromycin

### **Product data:**

**Product Type:** Expression Plasmids

**Product Name:** Gimap4 (BC005577) Mouse Tagged Lenti ORF Clone

Tag: mGFP

Symbol: Gimap4

Synonyms: MGC11734, IMAP4, mIAN1

Mammalian Cell

Selection:

Vector:

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

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(MR202489).

Sequence:

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





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

**ACCN:** BC005577 **ORF Size:** 657 bp



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#### Gimap4 (BC005577) Mouse Tagged Lenti ORF Clone - MR202489L4

**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>BC005577</u>, <u>AAH05577</u>

RefSeq Size: 1364 bp
RefSeq ORF: 659 bp
Locus ID: 107526
Cytogenetics: 6 B2.3

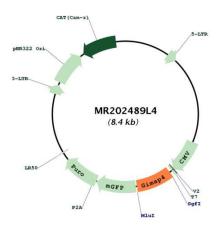
**Gene Summary:** This gene encodes a protein belonging to the GTP-binding superfamily and to the immuno-

associated nucleotide (IAN) subfamily of nucleotide-binding proteins. This gene exists within a cluster of other related genes located on mouse chromosome 6. This family member encodes a lymphoid signaling protein that functions to accelerate programmed T-cell death, which appears to correlate with the phosphorylation status of the protein. Alternative splicing

results in multiple transcript variants. [provided by RefSeq, Aug 2011]



# **Product images:**



Circular map for MR202489L4