

Product datasheet for MR200511L4

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

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

Gabarap (NM_019749) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Gabarap (NM 019749) Mouse Tagged Lenti ORF Clone

Tag: mGFP

Symbol: Gabarap

Mammalian Cell Puromycin

Selection:

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

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

ORF Nucleotide

Sequence:

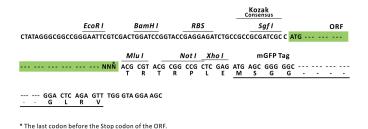
ACCN:

The ORF insert of this clone is exactly the same as(MR200511).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





NM_019749

ORF Size: 354 bp





Gabarap (NM_019749) Mouse Tagged Lenti ORF Clone - MR200511L4

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 019749.3, NP 062723.1</u>

RefSeq Size: 1122 bp
RefSeq ORF: 354 bp
Locus ID: 56486
UniProt ID: Q9DCD6

Cytogenetics: 11 42.95 cM

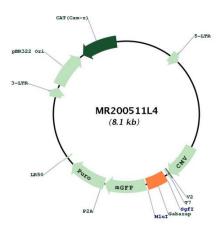
Gene Summary: Ubiquitin-like modifier that plays a role in intracellular transport of GABA(A) receptors and its

interaction with the cytoskeleton. Involved in apoptosis. Involved in autophagy. Whereas LC3s are involved in elongation of the phagophore membrane, the GABARAP/GATE-16 subfamily is essential for a later stage in autophagosome maturation (By similarity).[UniProtKB/Swiss-Prot

Function]



Product images:



Circular map for MR200511L4