

Product datasheet for RC221822L4

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 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

RABGGTA (NM_004581) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: RABGGTA (NM 004581) Human Tagged Lenti ORF Clone

Tag: mGFP

Symbol: RABGGTA

Synonyms: PTAR3

Mammalian Cell Puromycin

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(RC221822).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_004581

ORF Size: 1701 bp





RABGGTA (NM_004581) Human Tagged Lenti ORF Clone - RC221822L4

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 004581.3</u>

RefSeq Size: 2218 bp RefSeq ORF: 1704 bp

Locus ID: 5875

UniProt ID: Q92696

Cytogenetics: 14q12

Domains: LRR, PPTA

Protein Families: Druggable Genome

MW: 64.9 kDa

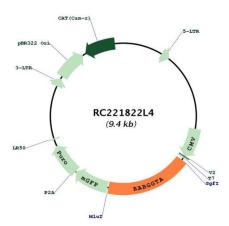
Gene Summary: Catalyzes the transfer of a geranylgeranyl moiety from geranylgeranyl diphosphate to both

cysteines of Rab proteins with the C-terminal sequence -XXCC, -XCXC and -CCXX, such as

RAB1A, RAB3A, RAB5A and RAB7A.[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for RC221822L4