

## Product datasheet for RC200352L4

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# RAB11A (NM\_004663) Human Tagged Lenti ORF Clone

### **Product data:**

**Product Type:** Expression Plasmids

Product Name: RAB11A (NM\_004663) Human Tagged Lenti ORF Clone

Tag: mGFP

Symbol: RAB11A

Synonyms: YL8

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(RC200352).

Sequence:

Restriction Sites: Sgfl-Mlul

**Cloning Scheme:** 



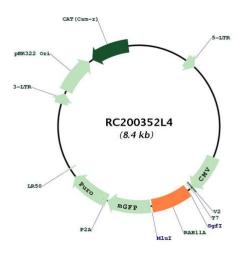


<sup>\*</sup> The last codon before the Stop codon of the ORF.





#### Plasmid Map:



**ACCN:** NM\_004663

ORF Size: 648 bp

**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 004663.3</u>

RefSeq Size: 4943 bp RefSeq ORF: 651 bp



### RAB11A (NM\_004663) Human Tagged Lenti ORF Clone - RC200352L4

 Locus ID:
 8766

 UniProt ID:
 P62491

 Cytogenetics:
 15q22.31

**Domains:** ras, RAN, RAS, RHO, RAB

**Protein Families:** Druggable Genome

Protein Pathways: Endocytosis MW: 24.4 kDa

**Gene Summary:** The protein encoded by this gene belongs to the Rab family of the small GTPase superfamily.

It is associated with both constitutive and regulated secretory pathways, and may be involved in protein transport. Two transcript variants encoding different isoforms have been found for

this gene. [provided by RefSeq, May 2011]