

Product datasheet for RC205033L4

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OriGene Technologies, Inc.

RAB2B (NM_032846) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: RAB2B (NM 032846) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: RAB2B

Mammalian Cell Puromycin

Selection:

Vector:

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

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

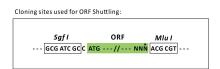
ORF Nucleotide The ORF insert of this clo

Sequence:

The ORF insert of this clone is exactly the same as(RC205033).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





ACCN: NM_032846

ORF Size: 648 bp





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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 032846.2</u>

 RefSeq Size:
 2956 bp

 RefSeq ORF:
 651 bp

 Locus ID:
 84932

 UniProt ID:
 Q8WUD1

Cytogenetics: 14q11.2

Domains: ras, RAN, RAS, RHO, RAB

Protein Families: Druggable Genome

MW: 24.2 kDa

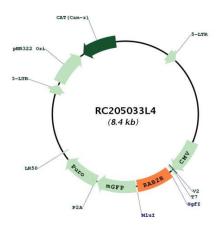
Gene Summary: Members of the Rab protein family are nontransforming monomeric GTP-binding proteins of

the Ras superfamily that contain 4 highly conserved regions involved in GTP binding and hydrolysis. Rab proteins are prenylated, membrane-bound proteins involved in vesicular

fusion and trafficking; see MIM 179508.[supplied by OMIM, Apr 2006]



Product images:



Circular map for RC205033L4