

## Product datasheet for RC200433L2V

## 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

## Rab2 (RAB2A) (NM\_002865) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

Product Type: Lentiviral Particles

Product Name: Rab2 (RAB2A) (NM\_002865) Human Tagged ORF Clone Lentiviral Particle

Symbol: Rab2

Synonyms: LHX; RAB2

Mammalian Cell

Selection:

None

**Vector:** pLenti-C-mGFP (PS100071)

Tag: mGFP

ACCN: NM\_002865

ORF Size: 636 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC200433).

Sequence:

**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.

**RefSeq:** <u>NM 002865.1</u>

 RefSeq Size:
 3812 bp

 RefSeq ORF:
 639 bp

 Locus ID:
 5862

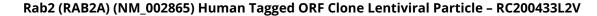
 UniProt ID:
 P61019

Cytogenetics: 8q12.1-q12.2

**Domains:** ras

**Protein Families:** Druggable Genome





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**MW:** 23.5 kDa

**Gene Summary:** 

The protein encoded by this gene belongs to the Rab family, members of which are small molecular weight guanosine triphosphatases (GTPases) that contain highly conserved domains involved in GTP binding and hydrolysis. The Rabs are membrane-bound proteins, involved in vesicular fusion and trafficking. This protein is a resident of pre-Golgi intermediates, and is required for protein transport from the endoplasmic reticulum (ER) to the Golgi complex. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]