

## Product datasheet for **RC202572L2V**

### Rab4 (RAB4A) (NM\_004578) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Rab4 (RAB4A) (NM_004578) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Rab4
Synonyms:	HRES-1; HRES-1/RAB4; HRES1; RAB4
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_004578
ORF Size:	654 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202572).
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. <a href="#">More info</a>
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:	<a href="#">NM_004578.2</a>
RefSeq Size:	3056 bp
RefSeq ORF:	657 bp
Locus ID:	5867
UniProt ID:	<a href="#">P20338</a>
Cytogenetics:	1q42.13
Domains:	ras, RAN, RAS, RHO, RAB, ARF
Protein Families:	Druggable Genome



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**Protein Pathways:** Endocytosis

**MW:** 24.4 kDa

**Gene Summary:** This gene is a member of the largest group in the Ras superfamily of small GTPases, which regulate membrane trafficking. The encoded protein is associated with early endosomes and is involved in their sorting and recycling. The protein also plays a role in regulating the recycling of receptors from endosomes to the plasma membrane. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Dec 2012]