

## Product datasheet for **RC220897L4V**

### **RAB27A (NM\_004580) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	RAB27A (NM_004580) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RAB27A
Synonyms:	GS2; HsT18676; RAB27; RAM
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004580
ORF Size:	663 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220897).
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_004580.3</a>
RefSeq Size:	3474 bp
RefSeq ORF:	666 bp
Locus ID:	5873
UniProt ID:	<a href="#">P51159</a>
Cytogenetics:	15q21.3
Domains:	ras, RAN, RAS, RHO, RAB
Protein Families:	Druggable Genome



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**MW:** 24.9 kDa

**Gene Summary:** The protein encoded by this gene belongs to the small GTPase superfamily, Rab family. The protein is membrane-bound and may be involved in protein transport and small GTPase mediated signal transduction. Mutations in this gene are associated with Griscelli syndrome type 2. Alternative splicing occurs at this locus and four transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008]