

## Product datasheet for **RC204975L4V**

### **RABGGTB (NM\_004582) Human Tagged ORF Clone Lentiviral Particle**

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	RABGGTB (NM_004582) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RABGGTB
Synonyms:	GGTB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004582
ORF Size:	993 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204975).
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_004582.2</a> , <a href="#">NP_004573.2</a>
RefSeq Size:	1531 bp
RefSeq ORF:	996 bp
Locus ID:	5876
UniProt ID:	<a href="#">P53611</a>
Cytogenetics:	1p31.1
Domains:	prenyltrans
Protein Families:	Druggable Genome


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**MW:** 36.9 kDa

**Gene Summary:** This gene encodes the beta-subunit of the enzyme Rab geranylgeranyl-transferase (RabGGTase), which belongs to the protein prenyltransferase family. RabGGTase catalyzes the post-translational addition of geranylgeranyl groups to C-terminal cysteine residues of Rab GTPases. Three small nucleolar RNA genes are present in the intronic regions of this gene. Alternately spliced transcript variants have been observed for this gene. A pseudogene associated with this gene is located on chromosome 3. [provided by RefSeq, Jan 2013]