

## Product datasheet for **RC223419L4V**

### **RPH3AL (NM\_006987) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	RPH3AL (NM_006987) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RPH3AL
Synonyms:	NOC2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006987
ORF Size:	945 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223419).
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_006987.2</a>
RefSeq Size:	2610 bp
RefSeq ORF:	948 bp
Locus ID:	9501
UniProt ID:	<a href="#">Q9UNE2</a>
Cytogenetics:	17p13.3
Domains:	RPH3A_effector
Protein Families:	Secreted Protein



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**MW:** 34.3 kDa

**Gene Summary:** The protein encoded by this gene plays a direct regulatory role in calcium-ion-dependent exocytosis in both endocrine and exocrine cells and plays a key role in insulin secretion by pancreatic cells. This gene is likely a tumor suppressor. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jun 2010]