

## Product datasheet for **RC200153L2V**

### GGA2 (NM\_015044) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	GGA2 (NM_015044) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GGA2
Synonyms:	VEAR
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_015044
ORF Size:	1839 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200153).
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_015044.3</a>
RefSeq Size:	5973 bp
RefSeq ORF:	1842 bp
Locus ID:	23062
UniProt ID:	<a href="#">Q9UJY4</a>
Cytogenetics:	16p12.2
Domains:	VHS, GAT, Alpha_adaptinC2
Protein Pathways:	Lysosome



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**MW:** 67.2 kDa

**Gene Summary:** This gene encodes a member of the Golgi-localized, gamma adaptin ear-containing, ARF-binding (GGA) family. This family includes ubiquitous coat proteins that regulate the trafficking of proteins between the trans-Golgi network and the lysosome. These proteins share an amino-terminal VHS domain which mediates sorting of the mannose 6-phosphate receptors at the trans-Golgi network. They also contain a carboxy-terminal region with homology to the ear domain of gamma-adaptins. This family member may play a significant role in cargo molecules regulation and clathrin-coated vesicle assembly. [provided by RefSeq, Jul 2008]