

## Product datasheet for **RC203036L4V**

### ALG5 (NM\_013338) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ALG5 (NM_013338) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ALG5
Synonyms:	bA421P11.2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_013338
ORF Size:	972 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203036).
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_013338.4</a>
RefSeq Size:	1227 bp
RefSeq ORF:	975 bp
Locus ID:	29880
UniProt ID:	<a href="#">Q9Y673</a>
Cytogenetics:	13q13.3
Domains:	Glycos_transf_2
Protein Families:	Transmembrane



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**Protein Pathways:** Metabolic pathways, N-Glycan biosynthesis

**MW:** 36.9 kDa

**Gene Summary:** This gene encodes a member of the glycosyltransferase 2 family. The encoded protein participates in glucosylation of the oligomannose core in N-linked glycosylation of proteins. The addition of glucose residues to the oligomannose core is necessary to ensure substrate recognition, and therefore, effectual transfer of the oligomannose core to the nascent glycoproteins. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2008]