

## Product datasheet for **RC206343L4V**

### ALG1 (NM\_019109) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ALG1 (NM_019109) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ALG1
Synonyms:	CDG1K; hMat-1; HMAT1; HMT-1; HMT1; Mat-1; MT-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_019109
ORF Size:	1392 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206343).
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_019109.3</a>
RefSeq Size:	3946 bp
RefSeq ORF:	1395 bp
Locus ID:	56052
UniProt ID:	<a href="#">Q9BT22</a>
Cytogenetics:	16p13.3
Protein Families:	Transmembrane
Protein Pathways:	Metabolic pathways, N-Glycan biosynthesis


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**MW:** 52.6 kDa

**Gene Summary:** The enzyme encoded by this gene catalyzes the first mannosylation step in the biosynthesis of lipid-linked oligosaccharides. This gene is mutated in congenital disorder of glycosylation type Ik. [provided by RefSeq, Dec 2008]