

Product datasheet for **RC201101L4V**

ALG3 (NM_005787) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ALG3 (NM_005787) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ALG3
Synonyms:	CDG1D; CDGS4; CDGS6; D16Ertd36e; not; Not56; NOT56L
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005787
ORF Size:	1314 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201101).
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. More info
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:	NM_005787.4
RefSeq Size:	1550 bp
RefSeq ORF:	1317 bp
Locus ID:	10195
UniProt ID:	Q92685
Cytogenetics:	3q27.1
Domains:	ALG3
Protein Families:	Transmembrane



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Protein Pathways: Metabolic pathways, N-Glycan biosynthesis

MW: 50.1 kDa

Gene Summary: This gene encodes a member of the ALG3 family. The encoded protein catalyses the addition of the first dol-P-Man derived mannose in an alpha 1,3 linkage to Man5GlcNAc2-PP-Dol. Defects in this gene have been associated with congenital disorder of glycosylation type Id (CDG-Id) characterized by abnormal N-glycosylation. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2008]