

Product datasheet for **RC204766L3V**

ALG2 (NM_033087) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ALG2 (NM_033087) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ALG2
Synonyms:	CDG1I; CDGLI; CMS14; CMSTA3; hALPG2; NET38
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_033087
ORF Size:	1248 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204766).
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_033087.3
RefSeq Size:	2834 bp
RefSeq ORF:	1251 bp
Locus ID:	85365
UniProt ID:	Q9H553
Cytogenetics:	9q22.33
Domains:	Glycos_transf_1
Protein Pathways:	Metabolic pathways, N-Glycan biosynthesis



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MW: 47.1 kDa

Gene Summary: This gene encodes a member of the glycosyltransferase 1 family. The encoded protein acts as an alpha 1,3 mannosyltransferase, mannosylating Man(2)GlcNAc(2)-dolichol diphosphate and Man(1)GlcNAc(2)-dolichol diphosphate to form Man(3)GlcNAc(2)-dolichol diphosphate. Defects in this gene have been associated with congenital disorder of glycosylation type 1h (CDG-1h). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2008]