

Product datasheet for **RC204062L4V**

ALG14 (NM_144988) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ALG14 (NM_144988) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ALG14
Synonyms:	CMS15; IDDEBF; MEPCA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_144988
ORF Size:	648 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204062).
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_144988.2
RefSeq Size:	1057 bp
RefSeq ORF:	651 bp
Locus ID:	199857
UniProt ID:	Q96F25
Cytogenetics:	1p21.3
Protein Families:	Transmembrane
Protein Pathways:	Metabolic pathways, N-Glycan biosynthesis



[View online »](#)

MW: 24.2 kDa

Gene Summary: This gene is a member of the glycosyltransferase 1 family. The encoded protein and ALG13 are thought to be subunits of UDP-GlcNAc transferase, which catalyzes the first two committed steps in endoplasmic reticulum N-linked glycosylation. Mutations in this gene have been linked to congenital myasthenic syndrome (CMSWTA). Alternatively spliced transcript variants have been identified. [provided by RefSeq, Mar 2015]