

## Product datasheet for **RC206343L3V**

### 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-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| 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 1k. [provided by RefSeq, Dec 2008]