# Product datasheet for MR201113L3V

## Mal (NM_010762) Mouse Tagged ORF Clone Lentiviral Particle

## Product data:

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|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | Mal (NM_010762) Mouse Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | Mal |
| **Synonyms:** | Mpv17; Vl; Vip17 |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| **Tag:** | Myc-DDK |
| **ACCN:** | NM_010762 |
| **ORF Size:** | 462 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(MR201113). |
| **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_010762.3 |
| **RefSeq Size:** | 2792 bp |
| **RefSeq ORF:** | 462 bp |
| **Locus ID:** | 17153 |
| **UniProt ID:** | O09198 |
| **Cytogenetics:** | 2 F1 |

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**Gene Summary:**
This gene encodes a highly hydrophobic integral membrane protein belonging to the MAL family of proteolipids. The encoded protein has been localized to the endoplasmic reticulum of T-cells and is a candidate linker protein in T-cell signal transduction. In addition, this proteolipid is localized in compact myelin of cells in the nervous system and has been implicated in myelin biogenesis and/or function. The protein plays a role in the formation, stabilization and maintenance of glycosphingolipid-enriched membrane microdomains. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2010]