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# Product datasheet for MR219849L4V

## Mpdu1 (NM_011900) Mouse Tagged ORF Clone Lentiviral Particle

### Product data:

| | |
|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | Mpdu1 (NM_011900) Mouse Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | Mpdu1 |
| **Synonyms:** | LEC3; LEC35; SL; SL15; Supl; Supl15h |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-mGFP-P2A-Puro (PS100093) |
| **Tag:** | mGFP |
| **ACCN:** | NM_011900 |
| **ORF Size:** | 741 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(MR219849). |
| **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_011900.3 |
| **RefSeq Size:** | 1314 bp |
| **RefSeq ORF:** | 744 bp |
| **Locus ID:** | 24070 |
| **Cytogenetics:** | 11 42.86 cM |

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**Gene Summary:** This gene encodes a member of the PQ-loop superfamily. A similar gene in human encodes a protein that is required for monosaccharide-P-dolichol-dependent glycosyltransferase reactions, and disruption of this gene is the cause of congenital disorder of glycosylation (CDG) type 1F, a disease linked to defects in protein N-glycosylation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2014]