

Product datasheet for **MR215930L4V**

March1 (NM_001166375) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | March1 (NM_001166375) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | March1 |
| Synonyms: | 2900024D24Rik; BB085186 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001166375 |
| ORF Size: | 825 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR215930). |
| 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_001166375.1 , NP_001159847.1 |
| RefSeq Size: | 3942 bp |
| RefSeq ORF: | 828 bp |
| Locus ID: | 72925 |
| UniProt ID: | Q6NZQ8 |
| Cytogenetics: | 8 B3.1 |



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Gene Summary:

E3 ubiquitin-protein ligase that mediates ubiquitination of TFRC, CD86, FAS and MHC class II proteins, such as HLA-DR alpha and beta, and promotes their subsequent endocytosis and sorting to lysosomes via multivesicular bodies. By constitutively ubiquitinating MHC class II proteins in immature dendritic cells, down-regulates their cell surface localization thus sequestering them in the intracellular endosomal system.[UniProtKB/Swiss-Prot Function]