

Product datasheet for **MR211211L4V**

Dlg1 (NM_007862) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Dlg1 (NM_007862) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Dlg1 |
| Synonyms: | B130052P05Rik; Dlg1; E-dlg/SAP97; mKIAA4187; SAP-97; SAP97 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_007862 |
| ORF Size: | 2784 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR211211). |
| 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_007862.2 |
| RefSeq Size: | 4777 bp |
| RefSeq ORF: | 2784 bp |
| Locus ID: | 13383 |
| UniProt ID: | Q811D0 |
| Cytogenetics: | 16 22.4 cM |



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Gene Summary:

Essential multidomain scaffolding protein required for normal development. Recruits channels, receptors and signaling molecules to discrete plasma membrane domains in polarized cells. Regulates the excitability of cardiac myocytes by modulating the functional expression of Kv4 channels (By similarity). Functional regulator of Kv1.5 channel (By similarity). May play a role in adherens junction assembly, signal transduction, cell proliferation, synaptogenesis and lymphocyte activation.[UniProtKB/Swiss-Prot Function]