

## Product datasheet for **MR222366L4V**

### **Kcnip1 (NM\_001190885) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | Lentiviral Particles                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product Name:             | Kcnip1 (NM_001190885) Mouse Tagged ORF Clone Lentiviral Particle                                                                                                                                                                                                                                                                                                                                                                                   |
| Symbol:                   | Kcnip1                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Synonyms:                 | KCHIP1; Kchip1.2                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Mammalian Cell Selection: | Puromycin                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Tag:                      | mGFP                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ACCN:                     | NM_001190885                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ORF Size:                 | 681 bp                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(MR222366).                                                                                                                                                                                                                                                                                                                                                                                     |
| 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_001190885.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq Size:              | 2291 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| RefSeq ORF:               | 684 bp                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Locus ID:                 | 70357                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| UniProt ID:               | <a href="#">Q9J157</a>                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cytogenetics:             | 11 A4                                                                                                                                                                                                                                                                                                                                                                                                                                              |



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**Gene Summary:**

Regulatory subunit of Kv4/D (Shal)-type voltage-gated rapidly inactivating A-type potassium channels. Regulates channel density, inactivation kinetics and rate of recovery from inactivation in a calcium-dependent and isoform-specific manner. Modulates KCND2/Kv4.2 currents (PubMed:14572458). In vitro, modulates KCND1/Kv4.1 currents (By similarity). Increases the presence of KCND2 at the cell surface.[UniProtKB/Swiss-Prot Function]