

## Product datasheet for **RC218886L4V**

### INPP4A (NM\_001566) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | INPP4A (NM_001566) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | INPP4A   |
| Synonyms:                 | INPP4; TVAS1   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_001566  |
| ORF Size:                 | 2862 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC218886).   |
| 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_001566.1</a> , <a href="#">NP_001557.1</a>  |
| RefSeq Size:              | 3224 bp  |
| RefSeq ORF:               | 2865 bp  |
| Locus ID:                 | 3631   |
| UniProt ID:               | <a href="#">Q96PE3</a>   |
| Cytogenetics:             | 2q11.2   |
| Protein Families:         | Transmembrane  |
| Protein Pathways:         | Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system   |


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**MW:** 107.1 kDa

**Gene Summary:** This gene encodes an Mg<sup>++</sup> independent enzyme that hydrolyzes the 4-position phosphate from the inositol ring of phosphatidylinositol 3,4-bisphosphate, inositol 1,3,4-trisphosphate, and inositol 3,4-bisphosphate. Multiple transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Aug 2008]