

## Product datasheet for **RC229832L4V**

### MINPP1 (NM\_001178118) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | MINPP1 (NM_001178118) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | MINPP1   |
| Synonyms:                 | HIPER1; MINPP2; MIPP   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_001178118   |
| ORF Size:                 | 858 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC229832).   |
| 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_001178118.1</a> , <a href="#">NP_001171589.1</a>  |
| RefSeq ORF:               | 861 bp   |
| Locus ID:                 | 9562   |
| UniProt ID:               | <a href="#">Q9UNW1</a>   |
| Cytogenetics:             | 10q23.2  |
| Protein Families:         | Druggable Genome   |
| Protein Pathways:         | Inositol phosphate metabolism  |
| MW:                       | 33.6 kDa   |



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**Gene Summary:**

This gene encodes multiple inositol polyphosphate phosphatase; an enzyme that removes 3-phosphate from inositol phosphate substrates. It is the only enzyme known to hydrolyze inositol pentakisphosphate and inositol hexakisphosphate. This enzyme also converts 2,3-bisphosphoglycerate (2,3-BPG) to 2-phosphoglycerate; an activity formerly thought to be exclusive to 2,3-BPG synthase/2-phosphatase (BPGM) in the Rapoport-Luebering shunt of the glycolytic pathway.[provided by RefSeq, Sep 2009]