

## Product datasheet for **RC228245L4V**

### SEPT12 (SEPTIN12) (NM\_001154458) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                                  |                                   |
|----------------------------------|-----------------------------------|
| <b>Product Type:</b>             | Lentiviral Particles              |
| <b>Symbol:</b>                   | SEPTIN12                          |
| <b>Synonyms:</b>                 | SEPT12; SPGF10                    |
| <b>Mammalian Cell Selection:</b> | Puromycin                         |
| <b>Vector:</b>                   | pLenti-C-mGFP-P2A-Puro (PS100093) |
| <b>Tag:</b>                      | mGFP                              |
| <b>ACCN:</b>                     | NM_001154458                      |
| <b>ORF Size:</b>                 | 936 bp                            |

**ORF Nucleotide Sequence:** The ORF insert of this clone is exactly the same as(RC228245).

**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.

|                      |                                |
|----------------------|--------------------------------|
| <b>RefSeq:</b>       | <a href="#">NM_001154458.1</a> |
| <b>RefSeq ORF:</b>   | 939 bp                         |
| <b>Locus ID:</b>     | 124404                         |
| <b>UniProt ID:</b>   | <a href="#">Q8IYM1</a>         |
| <b>Cytogenetics:</b> | 16p13.3                        |
| <b>MW:</b>           | 35 kDa                         |



**Gene Summary:**

This gene encodes a guanine-nucleotide binding protein and member of the septin family of cytoskeletal GTPases. Septins play important roles in cytokinesis, exocytosis, embryonic development, and membrane dynamics. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]