

## Product datasheet for **RC208317L4V**

### PTOV1 (NM\_017432) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | PTOV1 (NM_017432) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | PTOV1  |
| Synonyms:                 | ACID2; PTOV-1  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_017432  |
| ORF Size:                 | 1248 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC208317).   |
| 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_017432.3</a>  |
| RefSeq Size:              | 1884 bp  |
| RefSeq ORF:               | 1251 bp  |
| Locus ID:                 | 53635  |
| UniProt ID:               | <a href="#">Q86YD1</a>   |
| Cytogenetics:             | 19q13.33   |
| Protein Families:         | Druggable Genome   |
| MW:                       | 46.7 kDa   |


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**Gene Summary:**

This gene encodes a protein that was found to be overexpressed in prostate adenocarcinomas. The encoded protein was found to interact with the lipid raft protein flotillin-1 and shuttle it from the cytoplasm to the nucleus in a cell cycle dependent manner. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Feb 2015]