

## Product datasheet for **RC228027L2V**

### Small integral membrane protein 1 (SMIM1) (NM\_001163724) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:            | Lentiviral Particles                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Symbol:                  | Small integral membrane protein 1                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Synonyms:                | Vel                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Mammalian Cell           | None                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Selection:               |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Vector:                  | pLenti-C-mGFP (PS100071)                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Tag:                     | mGFP                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ACCN:                    | NM_001163724                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ORF Size:                | 234 bp                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC228027).                                                                                                                                                                                                                                                                                                                                                                                     |
| 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_001163724.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:              | 237 bp                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Locus ID:                | 388588                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| UniProt ID:              | <a href="#">B2RUZ4</a>                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cytogenetics:            | 1p36.32                                                                                                                                                                                                                                                                                                                                                                                                                                            |



**MW:** 8.6 kDa

**Gene Summary:** This gene encodes a small, conserved protein that participates in red blood cell formation. The encoded protein is localized to the cell membrane and is the antigen for the Vel blood group. Alternative splicing results in different transcript variants that encode the same protein. [provided by RefSeq, Dec 2013]