

## Product datasheet for **RC207148L4V**

### Porimin (TMEM123) (NM\_052932) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | Lentiviral Particles                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product Name:             | Porimin (TMEM123) (NM_052932) Human Tagged ORF Clone Lentiviral Particle                                                                                                                                                                                                                                                                                                                                                                           |
| Symbol:                   | Porimin                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Synonyms:                 | KCT3; PORIMIN; PORMIN                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Mammalian Cell Selection: | Puromycin                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Tag:                      | mGFP                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ACCN:                     | NM_052932                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ORF Size:                 | 624 bp                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC207148).                                                                                                                                                                                                                                                                                                                                                                                     |
| 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_052932.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                        |
| RefSeq Size:              | 3605 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| RefSeq ORF:               | 627 bp                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Locus ID:                 | 114908                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| UniProt ID:               | <a href="#">Q8N131</a>                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cytogenetics:             | 11q22.2                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Protein Families:         | Transmembrane                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MW:                       | 21.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                           |



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**Gene Summary:**

This gene encodes a highly glycosylated transmembrane protein with a high content of threonine and serine residues in its extracellular domain, similar to a broadly defined category of proteins termed mucins. Exposure of some cell types to anti-PORIMIN (pro-oncosis receptor inducing membrane injury) antibody, crosslinks this protein on the cell surface and induces a type of cell death termed oncosis. Oncosis is distinct from apoptosis and is characterized by a loss of cell membrane integrity without DNA fragmentation. This gene product is proposed to function as a cell surface receptor that mediates cell death. [provided by RefSeq, Jul 2008]