

## Product datasheet for **RC210685L4V**

### TMEM201 (NM\_001010866) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | TMEM201 (NM_001010866) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | TMEM201  |
| Synonyms:                 | Ima1; NET5; SAMP1  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_001010866   |
| ORF Size:                 | 1176 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC210685).   |
| 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_001010866.1</a>   |
| RefSeq Size:              | 3912 bp  |
| RefSeq ORF:               | 1179 bp  |
| Locus ID:                 | 199953   |
| UniProt ID:               | <a href="#">Q5SNT2</a>   |
| Cytogenetics:             | 1p36.22  |
| Protein Families:         | Transmembrane  |
| MW:                       | 43.4 kDa   |



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**Gene Summary:**

Involved in nuclear movement during fibroblast polarization and migration. Proposed to be involved in actin-dependent nuclear movement via association with transmembrane actin-associated nuclear (TAN) lines which are bound to F-actin cables and couple the nucleus to retrograde actin flow (By similarity). Overexpression can recruit Ran GTPase to the nuclear periphery (PubMed:27541860).[UniProtKB/Swiss-Prot Function]