

## Product datasheet for **RC231432L3V**

### **TMTC1 (NM\_001193451) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | TMTC1 (NM_001193451) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | TMTC1  |
| Synonyms:                 | ARG99; OLF; TMTC1A   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_001193451   |
| ORF Size:                 | 2646 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC231432).   |
| 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_001193451.1</a>   |
| RefSeq ORF:               | 2649 bp  |
| Locus ID:                 | 83857  |
| UniProt ID:               | <a href="#">Q8IUR5</a>   |
| Cytogenetics:             | 12p11.22   |
| Protein Families:         | Transmembrane  |
| MW:                       | 99.3 kDa   |



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**Gene Summary:**

Transfers mannosyl residues to the hydroxyl group of serine or threonine residues. The 4 members of the TMTC family are O-mannosyl-transferases dedicated primarily to the cadherin superfamily, each member seems to have a distinct role in decorating the cadherin domains with O-linked mannose glycans at specific regions. Also acts as O-mannosyl-transferase on other proteins such as PDIA3.[UniProtKB/Swiss-Prot Function]