# Product datasheet for RC225924L3V

## TMCC1 (NM_001128224) Human Tagged ORF Clone Lentiviral Particle

## Product data:

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|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | TMCC1 (NM_001128224) Human Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | TMCC1 |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| **Tag:** | Myc-DDK |
| **ACCN:** | NM_001128224 |
| **ORF Size:** | 1617 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(RC225924). |
| **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. More info |
| **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:** | NM_001128224.1, NP_001121696.1 |
| **RefSeq ORF:** | 1620 bp |
| **Locus ID:** | 23023 |
| **UniProt ID:** | O94876 |
| **Cytogenetics:** | 3q22.1 |
| **Protein Families:** | Transmembrane |
| **MW:** | 59.2 kDa |

**Gene Summary:**   Endoplasmic reticulum membrane protein that promotes endoplasmic reticulum-associated endosome fission (PubMed:30220460). Localizes to contact sites between the endoplasmic reticulum and endosomes and acts by promoting recruitment of the endoplasmic reticulum to endosome tubules for fission (PubMed:30220460). Endosome membrane fission of early and late endosomes is essential to separate regions destined for lysosomal degradation from carriers to be recycled to the plasma membrane (PubMed:30220460).[UniProtKB/Swiss-Prot Function]