

## Product datasheet for **RC226176L2V**

### **TMC6 (NM\_001127198) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                                  |                                            |
|----------------------------------|--------------------------------------------|
| <b>Product Type:</b>             | Lentiviral Particles                       |
| <b>Symbol:</b>                   | TMC6                                       |
| <b>Synonyms:</b>                 | EV1; EVER1; EVIN1; LAK-4P; Inc; TNRC6C-AS1 |
| <b>Mammalian Cell Selection:</b> | None                                       |
| <b>Vector:</b>                   | pLenti-C-mGFP (PS100071)                   |
| <b>Tag:</b>                      | mGFP                                       |
| <b>ACCN:</b>                     | NM_001127198                               |
| <b>ORF Size:</b>                 | 2415 bp                                    |

**ORF Nucleotide Sequence:** The ORF insert of this clone is exactly the same as(RC226176).

**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.

|                      |                                |
|----------------------|--------------------------------|
| <b>RefSeq:</b>       | <a href="#">NM_001127198.1</a> |
| <b>RefSeq Size:</b>  | 2891 bp                        |
| <b>RefSeq ORF:</b>   | 2418 bp                        |
| <b>Locus ID:</b>     | 11322                          |
| <b>UniProt ID:</b>   | <a href="#">Q7Z403</a>         |
| <b>Cytogenetics:</b> | 17q25.3                        |



**Protein Families:** Transmembrane

**MW:** 90.1 kDa

**Gene Summary:** Epidermodysplasia verruciformis (EV) is an autosomal recessive dermatosis characterized by abnormal susceptibility to human papillomaviruses (HPVs) and a high rate of progression to squamous cell carcinoma on sun-exposed skin. EV is caused by mutations in either of two adjacent genes located on chromosome 17q25.3. Both of these genes encode integral membrane proteins that localize to the endoplasmic reticulum and are predicted to form transmembrane channels. This gene encodes a transmembrane channel-like protein with 10 transmembrane domains and 2 leucine zipper motifs. [provided by RefSeq, Jul 2008]