

## Product datasheet for **RC224833L3V**

### SLC16A12 (NM\_213606) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                                  |                                      |
|----------------------------------|--------------------------------------|
| <b>Product Type:</b>             | Lentiviral Particles                 |
| <b>Symbol:</b>                   | SLC16A12                             |
| <b>Synonyms:</b>                 | CJMG; CRT2; CTRCT47; MCT12           |
| <b>Mammalian Cell Selection:</b> | Puromycin                            |
| <b>Vector:</b>                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| <b>Tag:</b>                      | Myc-DDK                              |
| <b>ACCN:</b>                     | NM_213606                            |
| <b>ORF Size:</b>                 | 1548 bp                              |

**ORF Nucleotide Sequence:** The ORF insert of this clone is exactly the same as(RC224833).

**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_213606.1</a> |
| <b>RefSeq Size:</b>  | 3901 bp                     |
| <b>RefSeq ORF:</b>   | 1551 bp                     |
| <b>Locus ID:</b>     | 387700                      |
| <b>UniProt ID:</b>   | <a href="#">Q6ZSM3</a>      |
| <b>Cytogenetics:</b> | 10q23.31                    |



**Protein Families:** Transmembrane

**MW:** 56.3 kDa

**Gene Summary:** This gene encodes a transmembrane transporter that likely plays a role in monocarboxylic acid transport. A mutation in this gene has been associated with juvenile cataracts with microcornea and renal glucosuria. [provided by RefSeq, Mar 2010]