

## Product datasheet for **RC213238L2V**

### TRPC5 (NM\_012471) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | TRPC5 (NM_012471) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | TRPC5  |
| Synonyms:                 | PPP1R159; TRP5   |
| Mammalian Cell Selection: | None   |
| Vector:                   | pLenti-C-mGFP (PS100071)   |
| Tag:                      | mGFP   |
| ACCN:                     | NM_012471  |
| ORF Size:                 | 2919 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC213238).   |
| 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_012471.1</a>  |
| RefSeq Size:              | 5839 bp  |
| RefSeq ORF:               | 2922 bp  |
| Locus ID:                 | 7224   |
| UniProt ID:               | <a href="#">Q9UL62</a>   |
| Cytogenetics:             | Xq23   |
| Domains:                  | ANK, ion_trans   |
| Protein Families:         | Druggable Genome, Ion Channels: Transient receptor potential, Transmembrane  |



[View online »](#)

**MW:** 111.2 kDa

**Gene Summary:** This gene belongs to the transient receptor family. It encodes one of the seven mammalian TRPC (transient receptor potential channel) proteins. The encoded protein is a multi-pass membrane protein and is thought to form a receptor-activated non-selective calcium permeant cation channel. The protein is active alone or as a heteromultimeric assembly with TRPC1, TRPC3, and TRPC4. It also interacts with multiple proteins including calmodulin, CABP1, enkurin, Na(+)-H+ exchange regulatory factor (NHERF), interferon-induced GTP-binding protein (MX1), ring finger protein 24 (RNF24), and SEC14 domain and spectrin repeat-containing protein 1 (SESTD1). [provided by RefSeq, May 2010]