

Product datasheet for **RC210794L2V**

TRPC3 (NM_003305) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | TRPC3 (NM_003305) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | TRPC3 |
| Synonyms: | SCA41; TRP3 |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_003305 |
| ORF Size: | 2544 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC210794). |
| 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_003305.1 |
| RefSeq Size: | 3330 bp |
| RefSeq ORF: | 2547 bp |
| Locus ID: | 7222 |
| UniProt ID: | Q13507 |
| Cytogenetics: | 4q27 |
| Protein Families: | Druggable Genome, Ion Channels: Transient receptor potential, Transmembrane |
| MW: | 97.4 kDa |



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Gene Summary:

The protein encoded by this gene is a membrane protein that can form a non-selective channel permeable to calcium and other cations. The encoded protein appears to be induced to form channels by a receptor tyrosine kinase-activated phosphatidylinositol second messenger system and also by depletion of intracellular calcium stores. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]