

Product datasheet for **RC227766L4V**

Tropomodulin 2 (TMOD2) (NM_001142885) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Tropomodulin 2 (TMOD2) (NM_001142885) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | Tropomodulin 2 |
| Synonyms: | N-TMOD; NTMOD |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001142885 |
| ORF Size: | 945 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC227766). |
| 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_001142885.1 |
| RefSeq ORF: | 948 bp |
| Locus ID: | 29767 |
| UniProt ID: | Q9NZR1 |
| Cytogenetics: | 15q21.2 |
| MW: | 35.5 kDa |



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Gene Summary:

This gene encodes a neuronal-specific member of the tropomodulin family of actin-regulatory proteins. The encoded protein caps the pointed end of actin filaments preventing both elongation and depolymerization. The capping activity of this protein is dependent on its association with tropomyosin. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Dec 2008]