

Product datasheet for RC204673L4

OriGene Technologies, Inc.

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Tropomodulin 4 (TMOD4) (NM_013353) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Tropomodulin 4 (TMOD4) (NM_013353) Human Tagged Lenti ORF Clone

Tag: mGFP

Symbol: Tropomodulin 4

Synonyms: SK-TMOD

Mammalian Cell Selection:

Puromycin

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF

Sequence:

The ORF insert of this clone is exactly the same as(RC204673).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_013353

ORF Size: 1035 bp





Tropomodulin 4 (TMOD4) (NM_013353) Human Tagged Lenti ORF Clone - RC204673L4

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 013353.1</u>

RefSeq Size: 1322 bp
RefSeq ORF: 1038 bp
Locus ID: 29765
UniProt ID: Q9NZQ9
Cytogenetics: 1q21.3

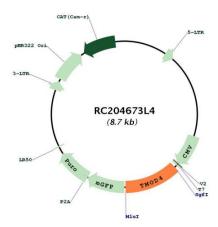
MW: 39.4 kDa

Gene Summary: Blocks the elongation and depolymerization of the actin filaments at the pointed end. The

Tmod/TM complex contributes to the formation of the short actin protofilament, which in turn defines the geometry of the membrane skeleton.[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for RC204673L4