

Product datasheet for RC230502L4V

OriGene Technologies, Inc.

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TRP 7 (TRPC7) (NM_001167577) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: TRP 7 (TRPC7) (NM_001167577) Human Tagged ORF Clone Lentiviral Particle

Symbol: TRP 7
Synonyms: TRP7

Mammalian Cell Puromycin

Selection:

Vector:

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

Tag: mGFP

ACCN: NM_001167577

ORF Size: 2403 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC230502).

Sequence:
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.

RefSeg: NM 001167577.1

 RefSeq ORF:
 2406 bp

 Locus ID:
 57113

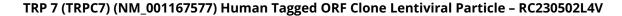
 UniProt ID:
 Q9HCX4

 Cytogenetics:
 5q31.1

Protein Families: Druggable Genome, Ion Channels: Transient receptor potential, Transmembrane

MW: 92.9 kDa







Gene Summary:

Thought to form a receptor-activated non-selective calcium permeant cation channel. Probably is operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors. Activated by diacylglycerol (DAG) (By similarity). May also be activated by intracellular calcium store depletion. [UniProtKB/Swiss-Prot Function]