

## Product datasheet for RC210647L4

#### **OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## TRAPPC2L (NM\_016209) Human Tagged Lenti ORF Clone

#### **Product data:**

**Product Type:** Expression Plasmids

Product Name: TRAPPC2L (NM\_016209) Human Tagged Lenti ORF Clone

Tag: mGFP

Symbol: TRAPPC2L

Synonyms: HSPC176; PERRB

Mammalian Cell Puromycin

Selection:

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

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

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC210647).

Sequence:

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





<sup>\*</sup> The last codon before the Stop codon of the ORF

**ACCN:** NM\_016209

ORF Size: 420 bp





### TRAPPC2L (NM\_016209) Human Tagged Lenti ORF Clone - RC210647L4

**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 016209.1</u>

RefSeq Size: 637 bp
RefSeq ORF: 423 bp
Locus ID: 51693
UniProt ID: Q9UL33
Cytogenetics: 16q24.3

**MW:** 16.1 kDa

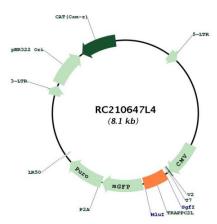
**Gene Summary:** This gene encodes a protein that interacts with the tethering factor trafficking protein particle

(TRAPP complex). TRAPP complexes mediate the contact between vescicles and target membranes, and thus, are involved in vescicle-mediated transport of proteins and lipids. The encoded protein is related to the X-linked trafficking protein particle complex 2. A related pseudogene is located on the X chromosome. Alternative splicing results in multiple

transcript variants encoding different isoforms. [provided by RefSeq, Jan 2016]



# **Product images:**



Circular map for RC210647L4