

## Product datasheet for RC229028L4

#### OriGene Technologies, Inc.

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## SAPS3 (PPP6R3) (NM\_001164163) Human Tagged Lenti ORF Clone

### **Product data:**

**Product Type:** Expression Plasmids

Product Name: SAPS3 (PPP6R3) (NM\_001164163) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: SAPS3

Synonyms: C11orf23; PP6R3; SAP190; SAPL; SAPLa; SAPS3

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(RC229028).

Sequence:

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





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

**ACCN:** NM\_001164163

ORF Size: 2532 bp





#### SAPS3 (PPP6R3) (NM\_001164163) Human Tagged Lenti ORF Clone - RC229028L4

**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 001164163.1</u>

 RefSeq ORF:
 2535 bp

 Locus ID:
 55291

 UniProt ID:
 Q5H9R7

 Cytogenetics:
 11q13.2

MW: 94.3 kDa

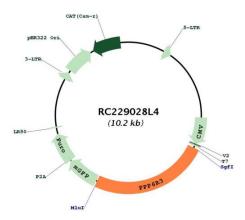
**Gene Summary:** Protein phosphatase regulatory subunits, such as SAPS3, modulate the activity of protein

phosphatase catalytic subunits by restricting substrate specificity, recruiting substrates, and determining the intracellular localization of the holoenzyme. SAPS3 is a regulatory subunit for the protein phosphatase-6 catalytic subunit (PPP6C; MIM 612725) (Stefansson and Brautigan,

2006 [PubMed 16769727]).[supplied by OMIM, Nov 2010]



# **Product images:**



Circular map for RC229028L4