

Product datasheet for RC205149L4

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OriGene Technologies, Inc.

SCAMP5 (NM_138967) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: SCAMP5 (NM_138967) Human Tagged Lenti ORF Clone

Tag: mGFP

Symbol: SCAMP5

Mammalian Cell Puromycin

Selection:

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

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

ORF Nucleotide The ORF insert of th

Sequence:

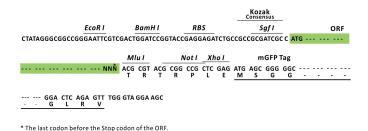
ACCN:

The ORF insert of this clone is exactly the same as(RC205149).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





NM_138967

ORF Size: 705 bp



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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.

NM 138967.2 RefSeq:

RefSeq Size: 3433 bp RefSeq ORF: 708 bp Locus ID: 192683 UniProt ID: Q8TAC9 Cytogenetics: 15q24.2

SCAMP Protein Families: Secreted Protein, Transmembrane

MW: 26.1 kDa

Domains:

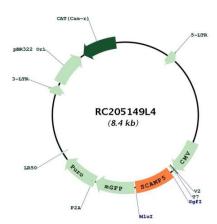
Gene Summary: Required for the calcium-dependent exocytosis of signal sequence-containing cytokines such

> as CCL5. Probably acts in cooperation with the SNARE machinery. May play a role in accumulation of expanded polyglutamine (polyQ) protein huntingtin (HTT) in case of endoplasmic reticulum stress by inhibiting the endocytosis pathway.[UniProtKB/Swiss-Prot

Function]



Product images:



Circular map for RC205149L4