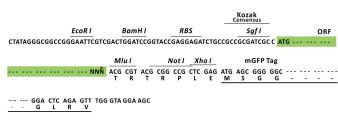


# Product datasheet for RC229737L4

### SCAMP5 (NM\_001178111) Human Tagged Lenti ORF Clone

#### **Product data:**

Expression Plasmids
SCAMP5 (NM_001178111) Human Tagged Lenti ORF Clone
mGFP
SCAMP5
Puromycin
pLenti-C-mGFP-P2A-Puro (PS100093)
Chloramphenicol (34 ug/mL)
The ORF insert of this clone is exactly the same as(RC229737).
Sgfl-Mlul
Cloning sites used for ORF Shuttling:
Sgf I         ORF         Mlu I            GCG ATC GC         ATG //         NNN         ACG CGT



\* The last codon before the Stop codon of the ORF.

ACCN: ORF Size: NM\_001178111 705 bp



#### OriGene Technologies, Inc.

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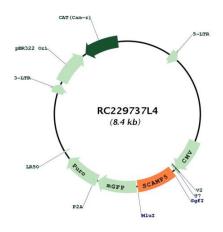


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	P5 (NM_001178111) Human Tagged Lenti ORF Clone – RC229737L4
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ 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. <u>More info</u>
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:	<ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
RefSeq:	<u>NM 001178111.1</u>
RefSeq Size:	3516 bp
RefSeq ORF:	708 bp
Locus ID:	192683
UniProt ID:	<u>Q8TAC9</u>
Cytogenetics:	15q24.2
Protein Families:	Secreted Protein, Transmembrane
MW:	26.1 kDa
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]

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## **Product images:**



Circular map for RC229737L4

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