

Product datasheet for **RC205149L4V**

SCAMP5 (NM_138967) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SCAMP5 (NM_138967) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SCAMP5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_138967
ORF Size:	705 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205149).
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.
RefSeq:	NM_138967.2
RefSeq Size:	3433 bp
RefSeq ORF:	708 bp
Locus ID:	192683
UniProt ID:	Q8TAC9
Cytogenetics:	15q24.2
Domains:	SCAMP
Protein Families:	Secreted Protein, Transmembrane
MW:	26.1 kDa



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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]