

Product datasheet for **RC223590L4V**

Signal peptide peptidase like 2B (SPPL2B) (NM_152988) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Signal peptide peptidase like 2B
Synonyms:	IMP-4; IMP4; PSH4; PSL1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_152988
ORF Size:	1776 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC223590).

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_152988.1](#), [NP_694533.1](#)

RefSeq Size: 2557 bp

RefSeq ORF: 1779 bp

Locus ID: 56928

UniProt ID: [Q8TCT7](#)

Cytogenetics: 19p13.3



Protein Families: Protease, Transmembrane

MW: 64.5 kDa

Gene Summary: This gene encodes a member of the GXGD family of aspartic proteases. The GXGD proteases are transmembrane proteins with two conserved catalytic motifs localized within the membrane-spanning regions. This enzyme localizes to endosomes, lysosomes, and the plasma membrane. It cleaves the transmembrane domain of tumor necrosis factor alpha to release the intracellular domain, which triggers cytokine expression in the innate and adaptive immunity pathways. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]