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Product datasheet for RC200758L3V

Signal Peptide Peptidase (HM13) (NM_030789) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Signal Peptide Peptidase (HM13) (NM_030789) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Signal Peptide Peptidase
Synonyms:	H13; IMP1; IMPAS; IMPAS-1; MSTP086; PSENL3; PSL3; SPP; SPPL1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_030789
ORF Size:	1131 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC200758).`
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_030789.2
RefSeq Size:	1604 bp
RefSeq ORF:	1134 bp
Locus ID:	81502
UniProt ID:	Q8TCT9
Cytogenetics:	20q11.21
Domains:	DUF435
Protein Families:	Protease, Transmembrane

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MW: 41.3 kDa

Gene Summary: The protein encoded by this gene, which localizes to the endoplasmic reticulum, catalyzes intramembrane proteolysis of some signal peptides after they have been cleaved from a preprotein. This activity is required to generate signal sequence-derived human lymphocyte antigen-E epitopes that are recognized by the immune system, and to process hepatitis C virus core protein. The encoded protein is an integral membrane protein with sequence motifs characteristic of the presenilin-type aspartic proteases. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]