

## Product datasheet for **RC207917L2V**

### Tripeptidyl peptidase II (TPP2) (NM\_003291) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Tripeptidyl peptidase II (TPP2) (NM_003291) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Tripeptidyl peptidase II
Synonyms:	IMD78; TPP-2; TPP-II; TPPII
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_003291
ORF Size:	3747 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207917).
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. <a href="#">More info</a>
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:	<a href="#">NM_003291.1</a>
RefSeq Size:	4716 bp
RefSeq ORF:	3750 bp
Locus ID:	7174
UniProt ID:	<a href="#">P29144</a>
Cytogenetics:	13q33.1
Domains:	Peptidase_S8
Protein Families:	Druggable Genome, Protease


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**MW:** 138.3 kDa

**Gene Summary:** This gene encodes a mammalian peptidase that, at neutral pH, removes tripeptides from the N terminus of longer peptides. The protein has a specialized function that is essential for some MHC class I antigen presentation. The protein is a high molecular mass serine exopeptidase; the amino acid sequence surrounding the serine residue at the active site is similar to the peptidases of the subtilisin class rather than the trypsin class. [provided by RefSeq, Jul 2008]