

## Product datasheet for **RC221132L4V**

### TREM2 (NM\_018965) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TREM2 (NM_018965) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TREM2
Synonyms:	PLOSL2; TREM-2; Trem2a; Trem2b; Trem2c
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018965
ORF Size:	690 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221132).
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_018965.1</a>
RefSeq Size:	1041 bp
RefSeq ORF:	693 bp
Locus ID:	54209
UniProt ID:	<a href="#">Q9NZC2</a>
Cytogenetics:	6p21.1
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
MW:	23.4 kDa



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**Gene Summary:**

This gene encodes a membrane protein that forms a receptor signaling complex with the TYRO protein tyrosine kinase binding protein. The encoded protein functions in immune response and may be involved in chronic inflammation by triggering the production of constitutive inflammatory cytokines. Defects in this gene are a cause of polycystic lipomembranous osteodysplasia with sclerosing leukoencephalopathy (PLOSL). Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Nov 2012]