

## Product datasheet for **RC212177L2V**

### TL1A (TNFSF15) (NM\_005118) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TL1A (TNFSF15) (NM_005118) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TL1A
Synonyms:	TL1; TL1A; TNLG1B; VEGI; VEGI192A
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_005118
ORF Size:	753 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212177).
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_005118.2</a>
RefSeq Size:	2011 bp
RefSeq ORF:	756 bp
Locus ID:	9966
UniProt ID:	<a href="#">O95150</a>
Cytogenetics:	9q32
Domains:	TNF
Protein Families:	Druggable Genome, Transmembrane



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**Protein Pathways:** Cytokine-cytokine receptor interaction

**MW:** 28.1 kDa

**Gene Summary:** The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is abundantly expressed in endothelial cells, but is not expressed in either B or T cells. The expression of this protein is inducible by TNF and IL-1 alpha. This cytokine is a ligand for receptor TNFRSF25 and decoy receptor TNFRSF21/DR6. It can activate NF-kappaB and MAP kinases, and acts as an autocrine factor to induce apoptosis in endothelial cells. This cytokine is also found to inhibit endothelial cell proliferation, and thus may function as an angiogenesis inhibitor. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2011]