

## Recombinant Mouse TL1A

Catalog No: CM93

<b>Description</b>	Recombinant Mouse TNF-like 1 is produced by our E.coli expression system and the target gene encoding Ile76-Leu252 is expressed.
<b>Source</b>	Human Cells
<b>Alternative name</b>	Tumor Necrosis Factor Ligand Superfamily Member 15; TNF Ligand-Related Molecule 1; Vascular Endothelial Cell Growth Inhibitor; TNFSF15; TL1; VEGI
<b>Accession No.</b>	Q5UBV8
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
<b>Quality Control</b>	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Storage</b>	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Amino Acid Sequence</b>	MITEERSESPQQVYSPPRGKPAHLTIKKQTPAPHLKNQLSALHWEHDLGMAFTKNGMKYINKSLVIP ESGDYFIYSQITFRGTTSVCGDISRGRPNKPDSTMTVITKVADSYPEPARLLTGSKSVCEISNNWFQSL YLGATFSLEEGDRLMVNVSDISLVDYTKEDKT FFGAFL
<b>Background</b>	Tumor Necrosis Factor Ligand Superfamily Member 15 (TNFSF15) is a new member of the tumor necrosis factor family. TNFSF15 is predominantly an endothelial cell-specific gene, and recombinant TNFSF15 is a potent inhibitor of endothelial cell proliferation, angiogenesis and tumor growth. TNFSF15 exerts two activities on endothelial cells: early G1 arrest of G0/G1-cells responding to growth stimuli and programmed cell death of proliferating cells. These activities are highly specific to endothelial cells. TNFSF15 is also able to regulate the expression of several important genes involved in angiogenesis. These findings are consistent with the view that TNFSF15 functions as an autocrine cytokine to inhibit angiogenesis and stabilize the vasculature.

### SDS-Page

