

## Recombinant Human TNFSF15 Protein, Fc-tagged

Cat. No. TNFSF15-556H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TNFSF15 (NP_005109.2) (Leu72-Leu251) was expressed with the Fc region of human IgG1 at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Leu72-Leu251
<b>Description</b>	TL1A, also known as TNFSF15, is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. It is specifically expressed in endothelial cells. TL1A also can be detected in monocytes, placenta, lung, liver, kidney, skeletal muscle, pancreas, spleen, prostate, small intestine and colon. TL1A is a ligand for receptor TNFRSF25 and decoy receptor TNFRSF21/DR6. It mediates activation of NF-kappa-B. It also inhibits vascular endothelial growth and angiogenesis (in vitro). TL1A promotes activation of caspases and apoptosis. It is also found to inhibit endothelial cell proliferation, and thus may function as an angiogenesis inhibitor.
<b>Predicted N Terminal</b>	Glu
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 %- 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human TNFSF15 consists of 440 amino acids and predicts a molecular mass of 48.9 kDa.

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<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -70 centigrade. Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 µg/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	TNFSF15 tumor necrosis factor (ligand) superfamily, member 15 [ Homo sapiens ]
<b>Official Symbol</b>	TNFSF15
<b>Synonyms</b>	TNFSF15; tumor necrosis factor (ligand) superfamily, member 15; tumor necrosis factor ligand superfamily member 15; MGC129934; MGC129935; TL1; TL1A; TNF ligand related molecule 1; TNF superfamily ligand TL1A; vascular endothelial cell growth inhibitor; vascular endothelial growth inhibitor 192A; VEGI; VEGI192A; TNF ligand-related molecule 1; vascular endothelial growth inhibitor-192A;
<b>Gene ID</b>	9966
<b>mRNA Refseq</b>	NM_001204344
<b>Protein Refseq</b>	NP_001191273
<b>MIM</b>	604052

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UniProt ID

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