

## ARG70388 Human TL1A recombinant protein (Active) (His-tagged, C-ter)

Package: 100 µg, 20 µg  
Store at: -20°C

### Summary

Product Description	E. coli expressed, His-tagged (C-ter) Active Human TL1A recombinant protein
Tested Application	SDS-PAGE
Target Name	TL1A
Species	Human
A.A. Sequence	Gln58 - Leu251
Expression System	E. coli
Activity	Active
Activity Note	Determined by its ability to induce TF-1 cells proliferation. The ED50 for this effect is < 0.2 ng/mL.
Alternate Names	TNFSF15; TNF Superfamily Member 15; VEGI; TL1; Vascular Endothelial Cell Growth Inhibitor; TNF Ligand-Related Molecule 1; VEGI192A; TL1A; Tumor Necrosis Factor (Ligand) Superfamily, Member 15; Tumor Necrosis Factor Ligand Superfamily Member 15; Vascular Endothelial Growth Inhibitor-192A; TNF Superfamily Ligand TL1A; MGC129934; MGC129935; Tumor Necrosis Factor Superfamily Member 15; Tumor Necrosis Factor Ligand 1B; TNLG1B

### Properties

Form	Powder
Purification Note	Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.
Purity	> 98% (by SDS-PAGE)
Buffer	PBS (pH 8.0)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

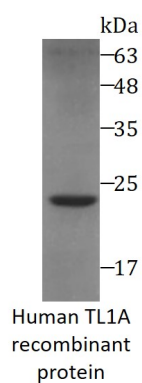
### Bioinformation

Gene Symbol	TNFSF15
Gene Full Name	TNF Superfamily Member 15
Background	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.

Function	Receptor for TNFRSF25 and TNFRSF6B. Mediates activation of NF-kappa-B. Inhibits vascular endothelial growth and angiogenesis (in vitro). Promotes activation of caspases and apoptosis.
PTM	Disulfide bond, Glycoprotein
Cellular Localization	Membrane, Secreted

## Images

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ARG70388 Human TL1A recombinant protein (Active) (His-tagged, C-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70388 Human TL1A recombinant protein (Active) (His-tagged, C-ter)

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