

TNFSF15 (Human) Recombinant Protein

Catalog # P9329

Size 20 ug

Specification

Product Description	Human TNFSF15 partial recombinant protein with His tag in C-terminus expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMLKGQEFAPSHQQVYAPLRADGDKPRAHLTVVRQTPTQHFKNQ FPALHWEHELGLAFTKNRMNYTNKFLIPESGDYFIYSQVTFRGMTSECSEIRQAGRPNKPDSTVV ITKVTDSTPEPTQLLMGTSVCEVGSNWFQPIYLGAMFSLQEGDKLMVNVSDISLVDYTKEDKTF GAFL
Host	Escherichia coli
Theoretical MW (kDa)	22.7
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purification	chromatographic
Purity	> 95% as determined by SDS-PAGE.
Storage Buffer	Solution (1 mg/mL) containing 20 mM Tris-HCl, pH 8.0, 50% glycerol, 1 mM DTT, 0.2 M NaCl.
Storage Instruction	Store at 4°C for one weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- SDS-PAGE

Gene Info — TNFSF15

Entrez GeneID

[9966](#)

Protein Accession#	O95150
Gene Name	TNFSF15
Gene Alias	MGC129934, MGC129935, TL1, TL1A, VEGI, VEGI192A
Gene Description	tumor necrosis factor (ligand) superfamily, member 15
Omim ID	604052
Gene Ontology	Hyperlink
Gene Summary	<p>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. An additional isoform encoded by an alternatively spliced transcript variant has been reported but the sequence of this transcript has not been determined. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000022739 TNF ligand-related molecule 1 TNF superfamily ligand TL1A vascular endothelial cell growth inhibitor vascular endothelial growth inhibitor-192A

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Colitis](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Inflammatory Bowel Diseases](#)
- [Leprosy](#)
- [Rectal Fistula](#)