

TNFSF15 (Human) Recombinant Protein

Catalog # P6416

Size 20 ug

Specification

Product Description	Human TNFSF15 (O95150) recombinant protein expressed in <i>E. Coli</i> .
Sequence	QLRAQGEASVQFQALKGQEFAPSHQQVYAPLRADGDKPRAHLTVVRQTPTQHFKNQFPALHWE HELGLAFTKNRMNYTNKFLIPESGDYFIYSQVTFRGMTSECSEIRQAGRPNKPDSITVVITKVTDSY PEPTQLLMGTSVCEVGSNWFQPIYLGAMFSLQEGDKLMVNVSDISLVDYTKEDKTFFGAFL
Host	Escherichia coli
Theoretical MW (kDa)	21
Form	Lyophilized
Purity	> 95%
Endotoxin Level	<= 1 EUs/ug (LAL gel clot method)
Storage Buffer	Lyophilized from PBS, pH 7.2.
Storage Instruction	Stored at -20°C to -80°C. After reconstitution with sterile water not less than 0.1 mg/mL, store at -20°C to -80°C for 6 months, store at 4°C for 1 month. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

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	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]
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](#)