

HuPro®

TNFSF15 (Human) Recombinant Protein

Catalog # H00009966-H02

Size 25 ug

Specification

Product Description	Purified TNFSF15 (AAH74941.1, 72 a.a. - 251 a.a.) human recombinant protein with His-Flag-StrepI tag at N-terminus expressed in human cells.
Transfected Cell Line	Human HEK293H cells
Sequence	LKGQEFAPSHQQVYAPLRADGDKPRAHLTVVRQTPTQHFKNQFPALHWEHELGLAFTKNRMNYT NKFLLIPESGDYFYISQVTFRGMTSECSEIRQAGRPNKPDSTVVITKVTDSTYPEPTQLLMGTSVC EVGSNWFQPYLGAMFSLQEGDKLMVNVSDISLVDYTKEDKTFFGAFL
Host	Human
Theoretical MW (kDa)	25.08
Interspecies Antigen Sequence	Rat (68)
Form	Liquid
Preparation Method	Transfection of pSuper-TNFSF15 plasmid into HEK293H cell, and the expressed protein was purified by <i>Strep</i> -Tactin affinity column.
Purification	<i>Strep</i> -Tactin affinity columns
Concentration	≥ 10 ug/ml
Storage Buffer	100 mM Tris-HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, and 5 mM desthiobiotin.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

- SDS-PAGE
- Protein Interaction

Gene Info — TNFSF15

Entrez GeneID [9966](#)

GeneBank Accession# [BC074941.2](#)

Protein Accession# [AAH74941.1](#)

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](#)