

Product datasheet for **AR09989PU-L**

TNFSF15 (72-251, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	TNFSF15 (72-251, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MLKGQEFAPS</u> HQQVYAPLRA DGDKPRAHLT VVRQTPTQHF KNQFPALHWE HELGLAFTKN RMNYTNKFLI IPESGDYFIY SQVTFRGMTS ECSEIRQAGR PNKPDSITVV ITKVTDSYPE PTQLLMGTKS VCEVGSNWFQ PIYLGAMFSL QEGDKLMVNV SDISLVDYTK EDKTFFGAFL L
Tag:	His-tag
Predicted MW:	22.7 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 50% glycerol, 0.2M NaCl
Endotoxin:	< 1.0 EU per 1 ug of protein (determined by LAL assay)
Preparation:	Liquid purified protein
Protein Description:	Recombinant human TNFSF15 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001191273</u>
Locus ID:	9966
UniProt ID:	<u>O95150</u> , <u>O95150-2</u>
Cytogenetics:	9q32
Synonyms:	TL1; TL1A; TNLG1B; VEGI; VEGI192A



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Summary:

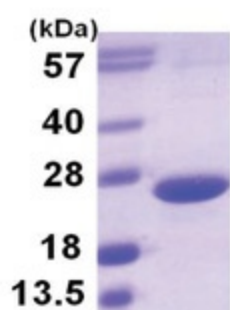
The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is abundantly expressed in endothelial cells, but is not expressed in either B or T cells. The expression of this protein is inducible by TNF and IL-1 alpha. This cytokine is a ligand 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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2011]

Protein Families:

Druggable Genome, Transmembrane

Protein Pathways:

Cytokine-cytokine receptor interaction

Product images:

15% SDS-PAGE (3ug)