

Datasheet for ABIN7320664 **TNFSF15 Protein**



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Overview

Quantity:	50 µg
Target:	TNFSF15
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Mouse TL1A Protein
Sequence:	Ile76-Leu252
Characteristics:	Recombinant Mouse TNF-like 1 is produced by our E.coli expression system and the target gene encoding Ile76-Leu252 is expressed.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	TNFSF15
Alternative Name:	TL1A (TNFSF15 Products)
Background:	Background: Tumor Necrosis Factor Ligand Superfamily Member 15 (TNFSF15) is a new member of the tumor necrosis factor family. TNFSF15 is predominantly an endothelial cell-specific gene, and recombinant TNFSF15 is a potent inhibitor of endothelial cell proliferation, angiogenesis and tumor growth. TNFSF15 exerts two activities on endothelial cells: early G1

Target Details

arrest of G0/G1-cells responding to growth stimuli and programmed cell death of proliferating cells. These activities are highly specific to endothelial cells. TNFSF15 is also able to regulate the expression of several important genes involved in angiogenesis. These findings are consistent with the view that TNFSF15 functions as an autocrine cytokine to inhibit angiogenesis and stabilize the vasculature.

Synonym: Tumor Necrosis Factor Ligand Superfamily Member 15, TNF Ligand-Related Molecule 1, Vascular Endothelial Cell Growth Inhibitor, TNFSF15, TL1, VEGI

Molecular Weight: 20.0 kDa

UniProt: [Q5UBV8](#)

Pathways: [Positive Regulation of Endopeptidase Activity, Autophagy](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.