

## Recombinant Human TNFSF18, T7-tagged

Cat. No. TNFSF18-130H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	TNFSF18, 81-199aa, Human, T7 tag, E.coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	81-199aa
<b>Description</b>	<p>TNFSF18 is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptor TNFRSF18/AITR/GITR. It has been shown to modulate T lymphocyte survival in peripheral tissues. This cytokine is also found to be expressed in endothelial cells, and is thought to be important for interaction between T lymphocytes and endothelial cells. Recombinant human TNFSF18 protein, fused to T7-tag at N-terminus, was expressed in E.coli .</p>
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
<b>Molecular Mass</b>	15.0 kDa (134 aa)
<b>AA Sequence</b>	<p>MASMTGGQQM GRGSHMAKFG PLPSKWQMAS SEPPCVNKVS DWKLEILQNG          LYLIYGQVAP NANYNDVAPF EVRLYKNKDM IQTLTNKSKI QNVGGTYELH          VGDTIDLIFN SEHQVLKNNT YWGIILLANP QFIS</p>
<b>Purity</b>	>90% by SDS - PAGE

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**Storage** Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

**Concentration** 0.25 mg/ml (determined by Bradford assay)

## GENE INFORMATION

**Gene Name** TNFSF18 tumor necrosis factor (ligand) superfamily, member 18 [ Homo sapiens ]

**Official Symbol** TNFSF18

**Synonyms** TNFSF18; tumor necrosis factor (ligand) superfamily, member 18; tumor necrosis factor ligand superfamily member 18; AITRL; hGITRL; TL6; AITR ligand; GITR ligand; activation-inducible TNF-related ligand; glucocorticoid-induced TNF-related ligand; glucocorticoid-induced TNFR-related protein ligand; GITRL; MGC138237;

**Gene ID** 8995

**mRNA Refseq** NM\_005092

**Protein Refseq** NP\_005083

**MIM** 603898

**UniProt ID** Q9UNG2

**Chromosome Location** 1q23

**Pathway** Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;

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**Function**

cytokine activity; receptor binding; tumor necrosis factor receptor binding; tumor necrosis factor receptor superfamily binding;

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