

Recombinant Human TNFSF18, His-tagged

Cat. No. TNFSF18-68H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human TNFSF18 protein, fused to His-tag at C-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
Description	TNFSF18 also known as tumor necrosis factor ligand superfamily member 18 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.
Form	Liquid, In 20mM Tris-HCl buffer(pH8.0) containing 10% glycerol
Molecular Mass	15.6kDa (137aa)
AA Sequence	MQLETAKEPC MAKFGPLPSK WQMASSEPPC VNKVSDWKLE ILQNGLYLIY GQVAPNANYN DVAPFEVRLY KNKDMIQTLT NKSKIQNVGG TYELHVGDTI DLIFNSEHQV LKNNTYWGII LIANPQEISL EHHHHHH
Purity	>85% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store

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at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 1mg/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;

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

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necrosis factor receptor superfamily binding;

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