Recombinant Human TNFSF18 protein, His-tagged

Cat. No. TNFSF18-36H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFSF18(aa 50-177) fused with His tag at the N-terminus was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	50-177 a.a.
Description	The protein encoded by this gene 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.
Form	Liquid, 0.2 um-filtered solution in 55 mM TRIS-Cl, pH 8.2 containing 150 mM NaCl.
Molecular Mass	16 kDa(SDS-PAGE)
Endotoxin	Less than 1.0 EU purified protein(LAL test; Lonza).
Purity	>90% as determined by SDS-PAGE.
Stability	Working aliquots are stable for up to 3 months when stored at -20 centigrade.

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Storage	Short Term Storage: 4 centigrade;Longt Term Storage: -20 centigrade.After opening, prepare alipuots and store at -20 centigrade. Avoid freeze/thaw cycles.
Concentration	1 mg/ml

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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