

Recombinant Active Human TNFSF18 Protein, His-tagged(C-ter)

Cat. No. TNFSF18-321H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Active Human TNFSF18 Protein with His tag (C-ter) was expressed in E. coli.
Species	Human
Source	E.coli
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. [provided by RefSeq, Jul 2008]
Form	Powder
Bio-activity	Determined by its ability to induce IL-8 secretion in human PBMCs. The ED50 for this effect is < 2.5 ng/mL.
AA Sequence	MQLETAKEPCMAKFGPLPSKWQMASSEPPCVNKVSDWKLEILQNGLYLIYGQVAPN ANYNDVAPFEVRLYKNKDMIQTLTNKSKIQNVGGTYELHVGDTIDLIFNSEHQVLKNN TYWGIILIANPQEI
Endotoxin	Endotoxin level is less than 0.1 EU/μg of the protein, as determined by the LAL test.

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Purity	> 98% (by SDS-PAGE)
Applications	SDS-PAGE
Notes	For laboratory research only, not for drug, diagnostic or other use.
Storage	Lyophilized protein should be stored at -20°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Storage Buffer	PBS (pH 7.4)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.

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

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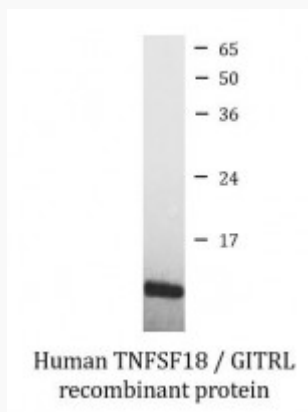
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Protein Refseq NP_005083

MIM 603898

UniProt ID Q9UNG2

SDS-PAGE



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