

Recombinant Full Length Human TNFSF18 Protein, C-Flag-tagged

Cat. No. TNFSF18-1491HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human TNFSF18 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	22.5 kDa
AA Sequence	MCLSHLENMPLSHSRTQGAQRSSWKLWLFCSIVMLLFLCSFSWLIFIFLQLETAKEP CMAKFGPLPSKWQ MASSEPPCVNKKVSDWKLEILQNGLYLIYGQVAPNANYNDVAP FEVRLYKNKDMIQTLTNKSKIQNVGGTY ELHVGDTIDLIFNSEHQVLKNNTYWGIIILLANPQFISTRTRPLEQKLISEEDLAANDILD YKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	Cytokine-cytokine receptor interaction
Full Length	Full L.

GENE INFORMATION

Gene Name	TNFSF18 TNF superfamily member 18 [Homo sapiens (human)]
Official Symbol	TNFSF18
Synonyms	TL6; AITRL; GITRL; TNLG2A; hGITRL
Gene ID	8995
mRNA Refseq	NM_005092.4
Protein Refseq	NP_005083.3

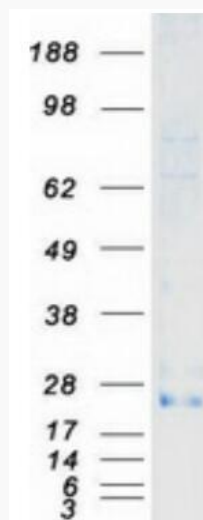
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MIM 603898

UniProt ID Q9UNG2



Coomassie blue staining of purified TNFSF18 protein.

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