

Product datasheet for **TP310901L**

TNFSF18 (NM_005092) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tumor necrosis factor (ligand) superfamily, member 18 (TNFSF18), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210901 representing NM_005092 Red =Cloning site Green =Tags(s) MCLSHLENMPLSHSRTQGAQRSSWKLWLFCSIVMLLFLCSFSWLIFLQLETAKEPCMAKFGPLPSKWQ MASSEPPCVNKVSDWKLEILQNGLYLIYGQVAPNANYNDVAPFEVRLYKKNKDMIQTLTNKSKIQNVGGTY ELHVGDTIDLIFNSEHQVLKNNTYWGILLANPQFIS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	22.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_005083</u>
Locus ID:	8995
UniProt ID:	<u>Q9UNG2</u> , <u>A0A0U5JXL4</u>



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RefSeq Size: 748

Cytogenetics: 1q25.1

RefSeq ORF: 531

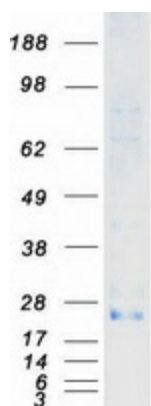
Synonyms: AITRL; GITRL; hGITRL; TL6; TNLG2A

Summary: 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]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction

Product images:



Coomassie blue staining of purified TNFSF18 protein (Cat# [TP310901]). The protein was produced from HEK293T cells transfected with TNFSF18 cDNA clone (Cat# [RC210901]) using MegaTran 2.0 (Cat# [TT210002]).