

Product datasheet for **TP310901**

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), 20 µg

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: [NP_005083](#)

Locus ID: 8995

UniProt ID: [Q9UNG2](#), [A0A0U5JXL4](#)



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RefSeq Size: 748

Cytogenetics: 1q25.1

RefSeq ORF: 531

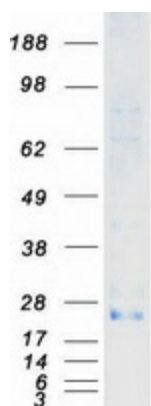
Synonyms: AITRL; GITRL; hGITRL; TL6; TNLG2A

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]).