

Recombinant Mouse Tnfsf18 Protein, Myc/DDK-tagged

Cat. No. Tnfsf18-6556M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length tumor necrosis factor (ligand) superfamily, member 18 (Tnfsf18), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Cytokine that binds to TNFRSF18/AITR/GITR. Regulates T-cell responses. Can function as costimulator and lower the threshold for T-cell activation and T-cell proliferation. Important for interactions between activated T-lymphocytes and endothelial cells. Mediates activation of NF-kappa-B. Triggers increased phosphorylation of STAT1 and up-regulates expression of VCAM1 and ICAM1. Promotes leukocyte adhesion to endothelial cells. Regulates migration of monocytes from the splenic reservoir to sites of inflammation.
Molecular Mass	19.7 kDa
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 after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Tnfsf18 tumor necrosis factor (ligand) superfamily, member 18 [Mus musculus (house mouse)]

Official Symbol Tnfsf18

Synonyms TNFSF18; tumor necrosis factor (ligand) superfamily, member 18; tumor necrosis factor ligand superfamily member 18; GITR ligand; glucocorticoid-induced TNF-related ligand; glucocorticoid-induced-tumor necrosis factor receptor ligand; Gitrl

Gene ID 240873

mRNA Refseq NM_183391

Protein Refseq NP_899247

UniProt ID Q7TS55

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