Datasheet for ABIN1945393

TNFSF18 Protein (AA 74-199) (His tag)

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Overview

Quantity:	50 µg
Target:	TNFSF18
Protein Characteristics:	AA 74-199
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFSF18 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human GITR Ligand/TNFSF18 (C-6His)
Sequence:	ETAKEPCMAK FGPLPSKWQM ASSEPPCVNK VSDWKLEILQ NGLYLIYGQV APNANYNDVA PFEVRLYKNK DMIQTLTNKS KIQNVGGTYE LHVGDTIDLI FNSEHQVLKN NTYWGIILLA NPQFISVDHH HHHH
Characteristics:	Recombinant Human TNFSF18 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Glu74Ser199) of Human TNFSF18 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	TNFSF18
Alternative Name:	Tumor Necrosis Factor Ligand Superfamily Member 18 (TNFSF18 Products)
Background:	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.
Molecular Weight:	15.3 kDa
UniProt:	Q9UNG2

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.