

Recombinant human GITR Ligand/TNFSF18 protein

Catalog Number: ATGP2623

PRODUCT INFORMATION

Expression system

E.coli

Domain

81-199aa

UniProt No.

Q9UNG2

NCBI Accession No.

NP_005083

Alternative Names

Tumor necrosis factor (ligand) superfamily member 18, Tumor necrosis factor (ligand) superfamily member 18, AITRL, TL6, GITRL, Hgitrl

PRODUCT SPECIFICATION

Molecular Weight

15 kDa (134aa)

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea

Purity

> 90% by SDS-PAGE

Tag

T7-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

TNFSF18 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. Recombinant human TNFSF18 protein, fused to T7-tag at N-terminus, was expressed in E. coli.

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Amino acid Sequence

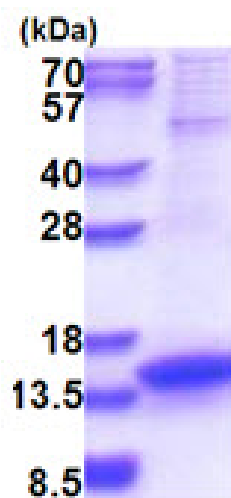
MASMTGGQQM GRGSHMAKFG PLPSKWQMAS SEPPCVNKVS DWKLEILQNG LYLIYGQVAP NANYNDVAPF
EVRLYKNKDM IQTLTNKSKI QNVGGTYELH VGDTIDLIFN SEHQVLKNNT YWGIILLANP QFIS

General References

Yu KY, Kim HS, Song SY, et al. (2003) Biochem. Biophys. Res. Commun. 310 (2): 433-8

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)