

Recombinant human GITR Ligand/TNFSF18 protein

Catalog Number: ATGP3088

PRODUCT INFORMATION

Expression system

E.coli

Domain

72-199aa

UniProt No.

Q9UNG2

NCBI Accession No.

NP_005083

Alternative Names

Activation-inducible TNF-related ligand, AITRL, GITRL, Glucocorticoid-induced TNF-related ligand, hGITRL, TL6, TNF superfamily member 18, Tumor necrosis factor (ligand) superfamily member 18

PRODUCT SPECIFICATION

Molecular Weight

15.6 kDa (137aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

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

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

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 also known as tumor necrosis factor ligand superfamily member 18 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 His-tag at C-terminus, was expressed in E. coli.

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Amino acid Sequence

MQLETAKEPC MAKFGPLPSK WQMASSEPPC VNKVSDWKLE ILQNGLYLIY GQVAPNANYN DVAPFEVRLY KNKDMIQTLT
NKSKIQNVGG TYELHVGDTI DLIFNSEHQV LKNNTYWGII LIANPQFIS<L EHHHHHH>

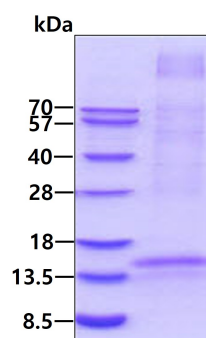
General References

Tuyaerts S., et al. (2007) J. Leukoc. Biol. 82:93-105

Chattopadhyay K., et al. (2007) Proc. Natl. Acad. Sci. U.S.A. 104:19452-19457

DATA

SDS-PAGE



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