# NKMAXBio We support you, we believe in your research

## Recombinant human GITR Ligand/TNFSF18 protein

Catalog Number: ATGP2623

## **PRODUCT INFORMATION**

## **Expression system**

E.coli

#### **Domain**

81-199aa

#### UniProt No.

O9UNG2

#### **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.



# NKMAXBio We support you, we believe in your research

# Recombinant human GITR Ligand/TNFSF18 protein

Catalog Number: ATGP2623

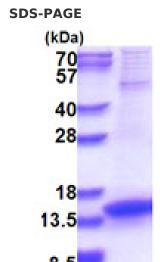
## **Amino acid Sequence**

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**



15% SDS-PAGE (3ug)

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