

Recombinant human GITR/TNFRSF18 protein

Catalog Number: ATGP3215

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

26-162aa

UniProt No.

Q9Y5U5

NCBI Accession No.

NP_004186

Alternative Names

Tumor necrosis factor receptor superfamily member 18, Activation-inducible TNFR family receptor, Glucocorticoid-induced TNFR-related protein, CD357, AITR, GITR

PRODUCT SPECIFICATION

Molecular Weight

15.6 kDa (145aa)

Concentration

0.5mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 95% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

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

TNFRSF18, also known as tumor necrosis factor receptor superfamily member 18, belongs to the tumor necrosis factor receptor superfamily. It is receptor for TNFSF18 and seems to be involved in interactions between activated T-lymphocytes and endothelial cells and in the regulation of T-cell receptor-mediated cell death. It is

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mediated NF-kappa-B activation via the TRAF2/NIK pathway. Recombinant human TNFRSF18, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

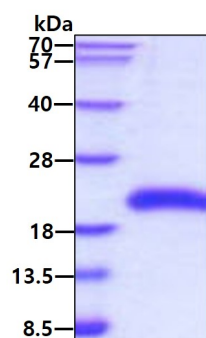
QRPTGGPGCG PGRLLLGTGT DARCCRVHTT RCCRDYPGEE CCSEWDCMCV QPEFHCGDPC CTTCRHHPCP
PGQGVQSQ GK FSFGFQCIDC ASGTFSGGHE GHCKPWT DCT QFGFLTVFPG NKTHNAVCVP GSPPAEP<LEH HHHHH>

General References

Gurney A.L., et al. (1999) *Curr. Biol.* 9:215-218.
Kwon B., et al. (1999) *J.Biol. Chem.* 274:6056-6061.

DATA

SDS-PAGE



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