

AR51970PU-S

Human TNFRSF18 / GITR (26-162, His-tag) - Purified

Alternate names:

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

Quantity:

50 µg

Concentration:

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

Background:

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 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.

Uniprot ID:

[Q9Y5U5](#)

NCBI:

[NP_004186](#)

GenelD:

[8784](#)

Species:

Human

Source:

Insect cells

Format:

State: Liquid purified protein

Purity: >95% by SDS - PAGE

Buffer System: Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Endotoxin Level: < 1.0 EU per 1 microgram of protein (determined by LAL method)

Description:

AA Sequence:

QRPTGGPGCG PGRLLLTGT DARCCRVHTT RCCRDYPGEE CCSEWDCMCV QPEFHC GDPC
CTTCRHHPCP PGQGVQS QGK FSFGFQC IDC ASGTFSGGHE GHCKPWT DCT QFGFLT VFP G
NKTHNAVCVP GSPPAEPLH HHHHH

Molecular weight: 15.6 kDa (145aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

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

Pictures:

