

Recombinant Human TNFRSF18 Protein, His-tagged

Cat. No. TNFRSF18-370H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TNFRSF18, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
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 mediated NF-kappa-B activation via the TRAF2/NIK pathway.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	15.6kDa (145aa)18-28KDa (SDS-PAGE under reducing conditions.)
AA Sequence	QRPTGGPGCG PGRLLLGTGT DARCCRVHTT RCCRDYPGEE CCSEWDCCMCV QPEFHCGDPC CTTCRHHPCP PGQGVQSQ GK FSFGFQCIDCASGTFSGGHE GHCKPWT DCT QFGFLT VFP NKTHNAV CVP GSPPAEPL EHHHHH
Endotoxin	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Purity	>95% by SDS - PAGE

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Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by Absorbance at 280nm)
GENE INFORMATION	
Gene Name	TNFRSF18 tumor necrosis factor receptor superfamily, member 18 [Homo sapiens]
Official Symbol	TNFRSF18
Synonyms	TNFRSF18; tumor necrosis factor receptor superfamily, member 18; tumor necrosis factor receptor superfamily member 18; AITR; CD357; GITR; activation-inducible TNFR family receptor; glucocorticoid-induced TNFR-related protein; TNF receptor superfamily activation-inducible protein; GITR-D;
Gene ID	8784
mRNA Refseq	NM_004195
Protein Refseq	NP_004186
MIM	603905
UniProt ID	Q9Y5U5
Chromosome Location	1p36.3
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-

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cytokine receptor interaction, conserved biosystem; Downstream signaling in naive CD8+ T cells, organism-specific biosystem;

Function

binding; receptor activity; tumor necrosis factor-activated receptor activity;

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