

Recombinant Full Length Human TNFRSF18 Protein, C-Flag-tagged

Cat. No. TNFRSF18-1320HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human TNFRSF18 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of the TNF-receptor superfamily. The encoded receptor has been shown to have increased expression upon T-cell activation, and it is thought to play a key role in dominant immunological self-tolerance maintained by CD25(+)CD4(+) regulatory T cells. Knockout studies in mice also suggest the role of this receptor is in the regulation of CD3-driven T-cell activation and programmed cell death. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	23.5 kDa
AA Sequence	MAQHGMGAFRALCGLALLCALS LGQRPTGGPGCGPGRLLLGTGTDARCCRVHTT RCCRDYPGEECCSEW DCMCVQPEFHCGDPCCTTCRHHPCPPGQGVQSQ GKFSF GFQCIDCASGTFSGGHEGHCKPWT DCTQFGFL TVFPGNKTHNAV CVPGSPPAEPL GWLTVVLLAVAACVLLLTSAQLGLHIWQLRSQCMWPRETQLLLEVPP STEDARSCQFP EEER GERSAEEKGRLGDLWVTRTRPLEQKLISEEDLAANDILDYKD

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	DDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Secreted Protein, Transmembrane
Protein Pathways	Cytokine-cytokine receptor interaction
Full Length	Full L.

GENE INFORMATION

Gene Name	TNFRSF18 TNF receptor superfamily member 18 [Homo sapiens (human)]
Official Symbol	TNFRSF18
Synonyms	AITR; GITR; CD357; GITR-D; ENERGEN
Gene ID	8784
mRNA Refseq	NM_004195.3

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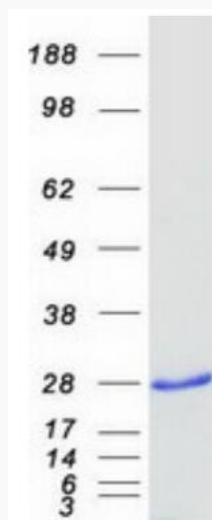
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Protein Refseq [NP_004186.1](#)

MIM [603905](#)

UniProt ID [Q9Y5U5](#)



Coomassie blue staining of purified TNFRSF18 protein.

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