

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

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human TNFRSF18 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	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.
<b>Form</b>	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	23.5 kDa
<b>AA Sequence</b>	MAQHGAMGAFRALCGLALLCALSLGQRPTGGPGCGPGRLLLGTGTDARCCRVHTT RCCRDYPGEECCSEW DCMCVQPEFHCGDPCCTTCRHHPCPPGQGVQSQKFSF GFQCIDCASGTFSGGHEGHCKPWT DCTQFGFL TVFPGNKTHNAVCVPGSPPAEPL GWLTVVLLAVAACVLLLTSAQLGLHIWQLRSQCMWPRETQLLLEVPP STEDARSCQFPPEEERGERSAEEKGRLGDLWVTRTRPLEQKLISEEDLAANDILDYKD

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	DDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method.
<b>Preparation</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Protein Families</b>	Druggable Genome, Secreted Protein, Transmembrane
<b>Protein Pathways</b>	Cytokine-cytokine receptor interaction
<b>Full Length</b>	Full L.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	TNFRSF18 TNF receptor superfamily member 18 [ Homo sapiens (human) ]
<b>Official Symbol</b>	TNFRSF18
<b>Synonyms</b>	AITR; GITR; CD357; GITR-D; ENERGEN
<b>Gene ID</b>	8784
<b>mRNA Refseq</b>	NM_004195.3

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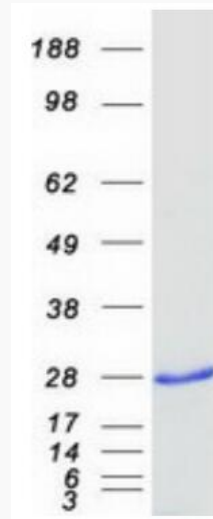
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Protein Refseq NP\_004186.1

MIM 603905

UniProt ID Q9Y5U5



Coomassie blue staining of purified TNFRSF18 protein.

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