

Active GMP Recombinant Human TNFSF18 protein, Fc-tagged

Cat. No. TNFSF18-380HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human TNFSF18 protein(NP_005083)(359 aa), fused with Fc Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human GITR Ligand(GenBank: AAD22634.1) was expressed with Fc tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	The linear range of immobilized Human GITR(His tag) at 1ug/mL(100 uL/well) that can bind to GITR Ligand(Fc tag) is 5-20ng/mL.
Molecular Mass	Recombinant Human TNFSF18 protein contains 359 aa. It has a predicted MW of 41.2 kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	TNFSF18 tumor necrosis factor (ligand) superfamily, member 18 [Homo sapiens]
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Official Symbol	TNFSF18
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Synonyms	TNFSF18; AITRL; TL6; hGITRL
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Gene ID	8995
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mRNA Refseq	NM_005092
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Protein Refseq	NP_005083
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MIM	603898
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UniProt ID	Q9UNG2
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