

# Active Recombinant Human TNFSF18 protein, hFc-Flag-tagged

Cat. No. TNFSF18-4604H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human TNFSF18 protein(Q9UNG2)(72-199aa), fused to N-terminal hFc tag and Flag tag, was expressed in Mammalian cell.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	72-199aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized TNFRSF18 at 2 µg/ml can bind TNFSF18, the EC50 is 2.565 to 2.940 ng/ml. Human TNFRSF18 protein hFc tag captured on COOH chip can bind Human TNFSF18 protein hFc and Flag tag with an affinity constant of 38.5 nM as detected by LSPR Assay.
<b>Molecular Mass</b>	42.8 kDa
<b>AA Sequence</b>	QLETAKEPCMAKFGPLPSKWQMASSEPPCVNKVSDWKLEILQNGLYLIYGQVAPNA NYNDVAPFEVRLYKNKDMIQTLTNKSKIQNVGGTYELHVGDTIDLIFNSEHQVLKNNT YWGIIILLANPQFIS
<b>Endotoxin</b>	Less than 1.0 EU/ug as determined by LAL method.

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<b>Purity</b>	Greater than 94% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

## GENE INFORMATION

<b>Gene Name</b>	TNFSF18 tumor necrosis factor (ligand) superfamily, member 18 [ Homo sapiens ]
<b>Official Symbol</b>	TNFSF18
<b>Synonyms</b>	TNFSF18; tumor necrosis factor (ligand) superfamily, member 18; tumor necrosis factor ligand superfamily member 18; AITRL; hGITRL; TL6; AITR ligand; GITR ligand; activation-inducible TNF-related ligand; glucocorticoid-induced TNF-related ligand; glucocorticoid-induced TNFR-related protein ligand; GITRL; MGC138237;
<b>Gene ID</b>	8995
<b>mRNA Refseq</b>	NM_005092
<b>Protein Refseq</b>	NP_005083
<b>MIM</b>	603898
<b>UniProt ID</b>	Q9UNG2

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