Active Recombinant Human TNFSF18 protein, hFc-Flag-tagged

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

SPECIFICATION

Product Overview	Recombinant Human TNFSF18 protein(Q9UNG2)(72-199aa), fused to N-terminal hFc tag and Flag tag, was expressed in Mammalian cell.
Species	Human
Source	Mammalian Cells
ProteinLength	72-199aa
Form	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.
Bio-activity	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.
Molecular Mass	42.8 kDa
AA Sequence	QLETAKEPCMAKFGPLPSKWQMASSEPPCVNKVSDWKLEILQNGLYLIYGQVAPNA NYNDVAPFEVRLYKNKDMIQTLTNKSKIQNVGGTYELHVGDTIDLIFNSEHQVLKNNT YWGIILLANPQFIS
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.

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Purity	Greater than 94% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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

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

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