

Active Recombinant Human TNFRSF18 protein, hFc-tagged

Cat. No. TNFRSF18-4602H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF18 protein(Q9Y5U5)(26-161aa), fused to C-terminal hFc tag, was expressed in Mammalian cell.
Species	Human
Source	Mammalian Cells
ProteinLength	26-161aa
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	40.8 kDa
AA Sequence	QRPTGGPGCGPGRLLLTGTGDARCCRVHTTRCCRDYPGEECCSEWDCMCVQPEF HCGDPCCTTCRHHPGPPGQGVQSQGKFSFGFQCIDCASGTFSGGHEGHCKPWTD CTQFGFLTVPNGKTHNAVCPGSPPAEP
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.

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Purity	Greater than 92% 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	TNFRSF18 tumor necrosis factor receptor superfamily, member 18 [Homo sapiens]
Official Symbol	TNFRSF18
Synonyms	TNFRSF18; tumor necrosis factor receptor superfamily, member 18; tumor necrosis factor receptor superfamily member 18; AITR; CD357; GITR; activation-inducible TNFR family receptor; glucocorticoid-induced TNFR-related protein; TNF receptor superfamily activation-inducible protein; GITR-D;
Gene ID	8784
mRNA Refseq	NM_004195
Protein Refseq	NP_004186
MIM	603905
UniProt ID	Q9Y5U5

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