

# Active Recombinant Human TNFRSF17 Protein, Fc & Avi-tagged, Biotinylated

Cat. No. TNFRSF17-238H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human TNFRSF17 Protein (Met 1 - Ala 54) (NP_001183.2), fused with a human IgG1 Fc tag at the C-terminus, followed by a Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met 1 - Ala 54
<b>Predicted N Terminal</b>	Met 1
<b>Form</b>	Lyophilized from sterile 50 mM tris, 100 mM glycine, pH7.5, 10% trehalose.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Human BAFF, Fc Tag at 5µg/mL (100 µL/well) can bind Biotinylated Human BCMA, Fc Tag with a linear range of 0.12-1.95 ng/mL.
<b>Molecular Mass</b>	Recombinant Human TNFRSF17 Protein has a calculated MW of 33.8 kDa. As a result of glycosylation, The protein migrates as 40-45 kDa under reducing (R) condition and 70-85 kDa under non-reducing (NR) condition on SDS-PAGE gel.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.

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<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	TNFRSF17 tumor necrosis factor receptor superfamily, member 17 [ Homo sapiens ]
<b>Official Symbol</b>	TNFRSF17
<b>Synonyms</b>	TNFRSF17; tumor necrosis factor receptor superfamily, member 17; BCMA; tumor necrosis factor receptor superfamily member 17; BCM; CD269; B-cell maturation factor; B cell maturation antigen; B-cell maturation protein;
<b>Gene ID</b>	608
<b>mRNA Refseq</b>	NM_001192
<b>Protein Refseq</b>	NP_001183
<b>MIM</b>	109545
<b>UniProt ID</b>	Q02223

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<b>Chromosome Location</b>	16p13.1
<b>Pathway</b>	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Intestinal immune network for IgA production, organism-specific biosystem; Intestinal immune network for IgA production, conserved biosystem;
<b>Function</b>	receptor activity; tumor necrosis factor-activated receptor activity;

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