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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	HEK293
ProteinLength	Met 1 - Ala 54
Predicted N Terminal	Met 1
Form	Lyophilized from sterile 50 mM tris, 100 mM glycine, pH7.5, 10% trehalose.
Bio-activity	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.
Molecular Mass	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.
Endotoxin	Less than 1.0 EU per μg by the LAL method.

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Purity	>95% as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.
Storage	Store it under sterile conditions at -20ºC~-70ºC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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℃ before opening to recover the entire contents.
Conjugation	Biotin

GENE INFORMATION

Gene Name	TNFRSF17 tumor necrosis factor receptor superfamily, member 17 [Homo sapiens]
Official Symbol	TNFRSF17
Synonyms	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;
Gene ID	608
mRNA Refseq	NM_001192
Protein Refseq	NP_001183
MIM	109545
UniProt ID	Q02223

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Chromosome Location	16p13.1
Pathway	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;
Function	receptor activity; tumor necrosis factor-activated receptor activity;

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