Active Recombinant Human TNFRSF17 Protein, MIgG2a Fc-tagged, low endotoxin

Cat. No. TNFRSF17-321H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF17 Protein, MIgG2a Fc-tagged, low endotoxin is expressed from human 293 cells (HEK293). It contains AA Met 1 - Ala 54 (Accession # Q02223-1). Predicted N-terminus: Met 1. This protein carries a mouse IgG2a Fc tag at the C-terminus. The protein has a calculated MW of 32.8 kDa. The protein migrates as 35-42 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Species	Human
Source	HEK293
ProteinLength	Met 1 - Ala 54
Form	Lyophilized from 0.22 μm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human BAFF, Fc Tag at 2 μg/mL (100 μL/well) can bind Recombinant Human TNFRSF17 protein, MIgG2a Fc-tagged, low endotoxin with a linear range of 0.2-0.8 ng/mL (QC tested). Recombinant Human TNFRSF17 protein, MIgG2a Fc-tagged, low endotoxin at 2 μg/mL (100 μL/well) can bind Anti-Human BCMA Mab with a linear range of 0.2-3 ng/mL (Routinely tested). Immobilized Human APRIL, Fc Tag at 5 μg/mL (100 μL/well) can bind Recombinant

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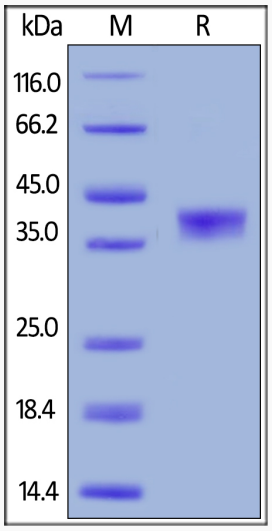
	Human TNFRSF17 protein, MIgG2a Fc-tagged, low endotoxin with a linear range of 0.2-2 ng/mL (Routinely tested).
Molecular Mass	32.8 kDa
Endotoxin	Less than 0.1 EU per μg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Notes	Please avoid repeated freeze-thaw cycles.
Stability	No activity loss is observed after storage at: 4-8 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution.
Storage	For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

GENE INFORMATION

Gene Name	TNFRSF17 tumor necrosis factor receptor superfamily, member 17 [Homo sapiens]
Official Symbol	TNFRSF17
Synonyms	TNFRSF17; BCMA; BCM; CD269; B-cell maturation factor;
Gene ID	608

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mRNA Refseq	NM_001192
Protein Refseq	NP_001183
MIM	109545
UniProt ID	Q02223



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