

Active Recombinant Cynomolgus TNFRSF17 protein, Fc & Avi-tagged, Biotinylated

Cat. No. TNFRSF17-1827C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Cynomolgus BCMA, Fc Tag is expressed from human 293 cells (HEK293). It contains AA Met 1 - Ala 53 (Accession # XP_001106892.1). Biotinylation of this product is performed using Avitag technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin. The biotin to protein ratio is 0.5-1 as determined by the HABA assay.
Species	Cynomolgus
Source	HEK293
ProteinLength	AA Met 1 - Ala 53
Description	Tumor necrosis factor receptor superfamily member 17 (TNFRSF17) is also known as B-cell maturation protein (BCMA), CD antigen CD269, which is a member of the TNF-receptor superfamily. TNFRSF17 contains one TNFR-Cys repeat. TNFRSF17 is expressed in mature B-cells, but not in T-cells or monocytes. TNFRSF17 is receptor for TNFSF13B/BLyS/BAFF and TNFSF13/APRIL. TNFRSF17 promotes B-cell survival and plays a role in the regulation of humoral immunity. TNFRSF17 can activate NF-kappa-B and JNK.
Predicted N Terminal	Met 1
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5, 10% trehalose.

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Bio-activity	Immobilized Human BAFF, Fc Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Cynomolgus BCMA, Fc Tag with a linear range of 0.2-4 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus, followed by an Avi tag. The protein has a calculated MW of 33.9 kDa. The protein migrates as 42-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. No activity loss is observed after storage at: 4-8°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
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°C before opening to recover the entire contents.
Conjugation	Biotin

GENE INFORMATION

Gene Name	TNFRSF17 TNF receptor superfamily member 17 [<i>Macaca fascicularis</i> (crab-eating macaque)]
Official Symbol	TNFRSF17
Synonyms	BCMA; tumor necrosis factor receptor superfamily, member 17
Gene ID	102145399

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mRNA Refseq	XM_005591286.2
Protein Refseq	XP_005591343.1
UniProt ID	G7Q0I4

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