

Active Recombinant Human TNFRSF17 Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. TNFRSF17-1817HAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated human BCMA, Fc Tag is expressed from human 293 cells (HEK293). It contains AA Met 1 - Ala 54 (Accession # NP_001183.2).
Species	Human
Source	HEK293
ProteinLength	Met1-Ala54
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.
Form	Lyophilized
Bio-activity	Immobilized Human BCMA, Fc Tag at 10 µg/mL (100 µL/well) can bind FITC-Labeled Human BAFF, Fc Tag with a linear range of 0.31-1.25 µg/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 32 kDa. As a result of glycosylation, The protein migrates as 35-40

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	kDa under reducing (R) condition and 66 kDa under non-reducing (NR) condition on SDS-PAGE gel.
N-terminal Sequence Analysis	Met 1
Endotoxin	< 1.0 EU/ µg by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Storage	For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower. Please avoid repeated freeze-thaw cycles. 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 Buffer	Lyophilized from 0.22 µm filtered solution in 50 mM tris, 100 mM glycine, pH7.5, 10% trehalose.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 µg/µL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Alexa Fluor 488

GENE INFORMATION

Gene Name	TNFRSF17 TNF receptor superfamily member 17 [Homo sapiens (human)]
Official Symbol	TNFRSF17
Synonyms	BCM; BCMA; CD269; TNFRSF13A; B cell maturation antigen; B-cell maturation factor; B-cell maturation protein
Gene ID	608
mRNA Refseq	NM_001192
Protein Refseq	NP_001183
UniProt ID	Q02223

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