

Product datasheet for **TP723958**

BCMA (TNFRSF17) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Human BCMA Protein, mFc Tag
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	BCMA[Met1-Ala54]+mFc[Pro99-Lys330]
Tag:	C-Mouse Fc
Predicted MW:	32.1 kDa
Purity:	> 95%
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization
Bioactivity:	EC50=3.163
Reconstitution Method:	Reconstitute with deionized water
Preparation:	Affinity purification
Applications:	ELISA
Storage:	Store the lyophilized protein at -20°C. After reconstitution, store the protein at -80°C for 12 months. Avoid repeated freezing and thawing.
Stability:	12 months from date of despatch
Locus ID:	608
UniProt ID:	Q02223
Summary:	B-cell maturation protein (BCMA or BCM), is also known as Tumor necrosis factor receptor superfamily member 17 (TNFRSF17), which is encoded by the TNFRSF17 gene. TNFRSF17 is a cell surface receptor of the TNF receptor superfamily which recognizes B-cell activating factor (BAFF). This receptor is expressed in immune organs and mature B cell lines. BCMA promotes B-cell survival and plays a role in the regulation of humoral immunity. BCMA can activate NF-kappa-B and JNK.



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Product images:

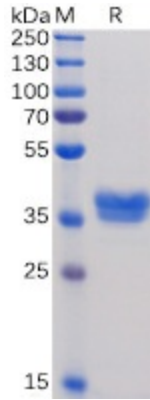


Figure 1. Human BCMA, mFc Tag on SDS-PAGE under reducing condition.

Human BCMA, mFc Tagged protein ELISA

0.2 µg of BAFF, hFc Tagged protein per well

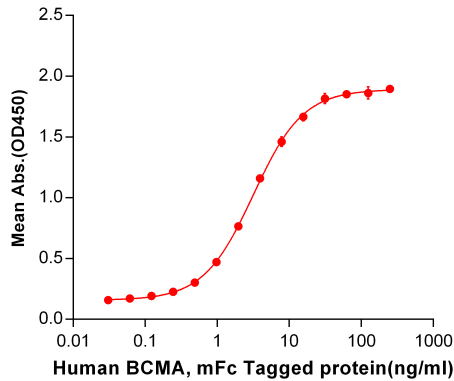


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human BAFF, hFc tagged protein ([TP723963]) can bind Human BCMA, mFc tagged protein (TP723958) in a linear range of 0.03-15.625 ng/ml.

Human BCMA, mFc Tagged protein ELISA

0.2 µg of Human BCMA, mFc tagged protein per well

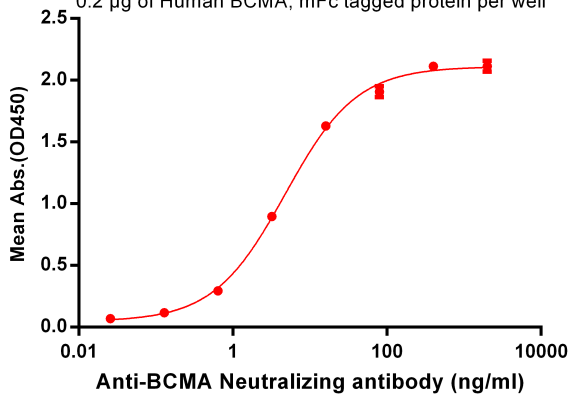


Figure 3. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human BCMA, mFc tagged protein (TP723958) can bind Anti-BCMA Neutralizing antibody (BME100028) in a linear range of 0.64-80.0 ng/ml.