PRODUCT INFORMATION

Target	BCMA
Synonyms	TNFRSF17;CD269;BCM;BCMA
Description	Recombinant Human BCMA Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q02223
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	BCMA(Met1-Ala54) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 6.7kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	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.
Usage	Research use only
Conjugate	Unconjugated

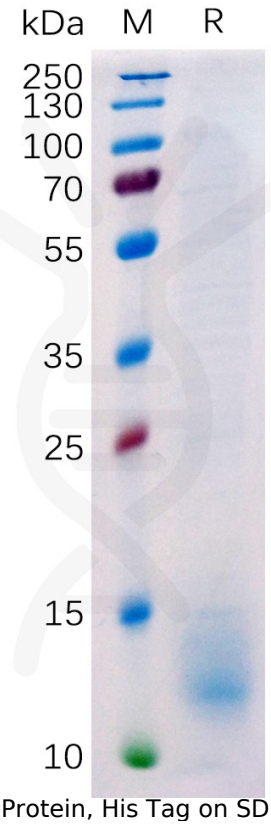

Figure 1. Human BCMA Protein, His Tag on SDS-PAGE under reducing condition.

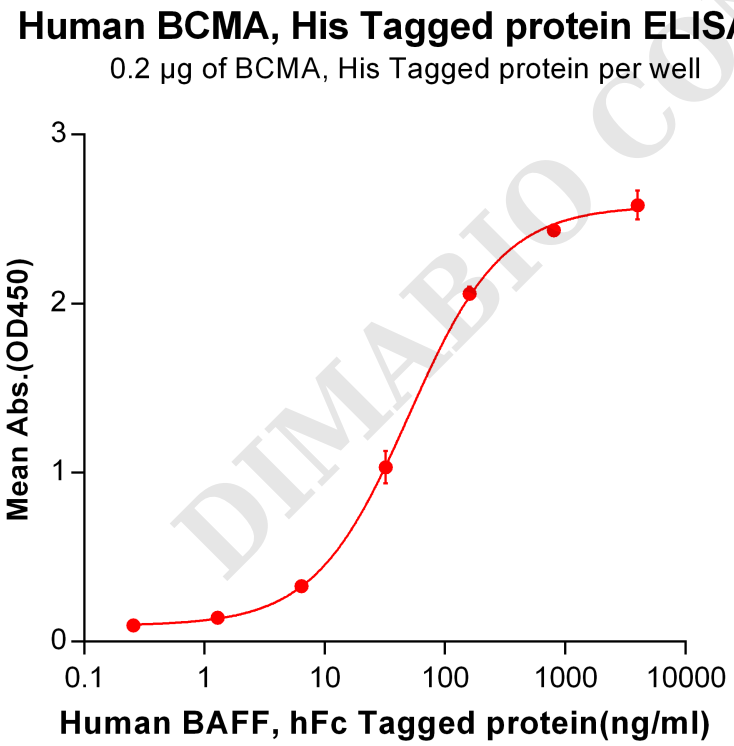

Figure 2. ELISA plate pre-coated by 2 μg/ml (100 μl/well) Human BAFF, hFc tagged protein PME100043 can bind Human BCMA, His tagged protein (PME100511) in a linear range of 1.28-160 ng/ml.