

PRODUCT INFORMATION

Target	BCMA
Synonyms	BCM; TNFRSF17; CD269; TNFRSF13A
Description	Biotinylated Human BCMA Protein, hFc Avi Tag
Delivery	In Stock
Uniprot ID	Q02223
Expression Host	HEK293
Tag	C-Human Fc Avi tag
Molecular Characterization	BCMA(Met1-Ala54) hFc(Glu99-Ala330) Avi tag
Molecular Weight	The protein has a predicted molecular mass of 33.8 kDa 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.
Background	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is preferentially expressed in mature B lymphocytes, and may be important for B cell development and autoimmune response. This receptor has been shown to specifically bind to the tumor necrosis factor (ligand) superfamily, member 13b (TNFSF13B/TALL-1/BAFF), and to lead to NF-kappaB and MAPK8/JNK activation. This receptor also binds to various TRAF family members, and thus may transduce signals for cell survival and proliferation. [provided by RefSeq, Jul 2008]
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.
Usage	Research use only
Conjugate	Biotinylated



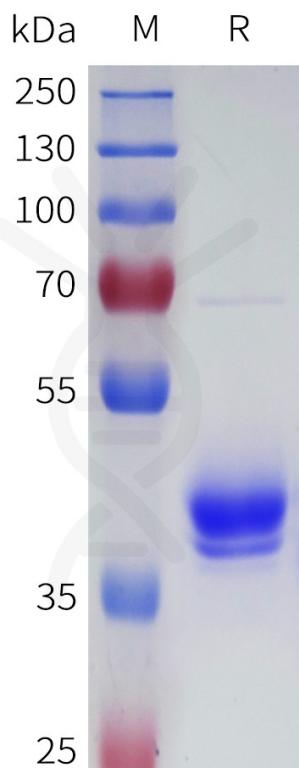


Figure 1. Biotinylated Human BCMA Protein, hFc Avi Tag on SDS-PAGE under reducing condition.

Biotinylated Human BCMA Protein, hFc Avi Tag ELISA

0.2 μ g of Human BAFF, hFc tagged protein per well

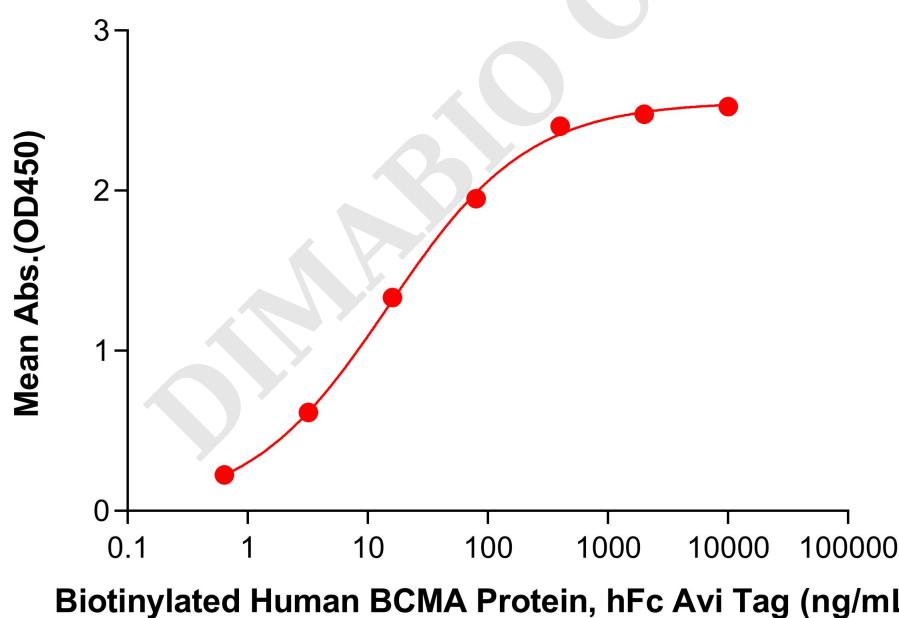


Figure 2. ELISA plate pre-coated by 2 μ g/ml (100 μ L/well) Human BAFF Protein, hFc Tag (PME100043) can bind Biotinylated Human BCMA Protein, hFc Avi Tag (PME101677B) in a linear range of 3.2-400 ng/ml. In order to specifically detect PME101677B, HRP Conjugated Streptavidin was used as detection antibody.



Biotinylated Human BCMA Protein, hFc Avi Tag ELISA

0.2 µg of Biotinylated Human BCMA, hFc Avi tagged protein per well

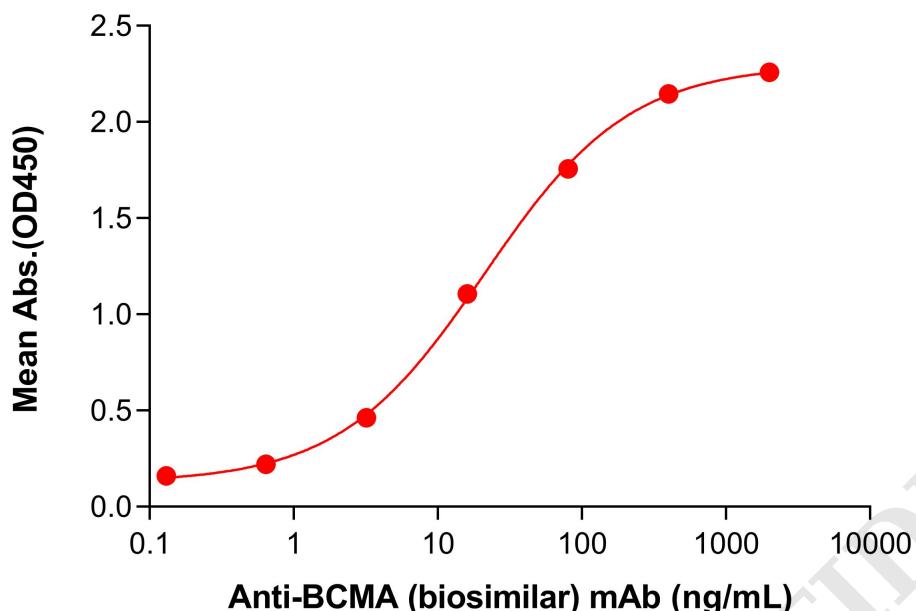


Figure 3. ELISA plate pre-coated by 2 µg/ml (100µL/well) Biotinylated Human BCMA Protein, hFc Avi Tag (PME101677B) can bind Anti-BCMA (biosimilar) mAb (BME100016) in a linear range of 3.2-400 ng/ml.

