

**PRODUCT INFORMATION**

<b>Target</b>	BCMA
<b>Synonyms</b>	BCM; BCMA; CD269
<b>Description</b>	Biotinylated Recombinant human BCMA Protein with C-terminal Human Fc LPETG tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q02223
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-Human Fc LPETG tag
<b>Molecular Characterization</b>	BCMA(Met1-Ala54) hFc(Glu99-Ala330) LPETG tag
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 32.7 kDa after removal of the signal peptide.
<b>Purity</b>	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	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.
<b>Storage&amp;Shipping</b>	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.
<b>Background</b>	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]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Biotinylated



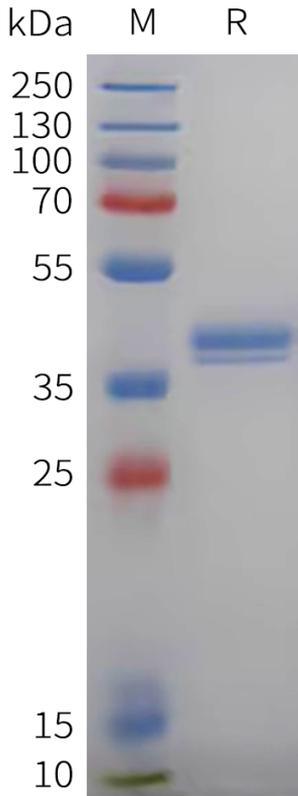


Figure 1. Biotinylated Human BCMA Protein, hFc Tag on SDS-PAGE under reducing condition.

### Biotinylated Human BCMA, hFc Tagged Protein ELISA

0.2  $\mu$ g of Human BAFF, hFc tagged protein per well

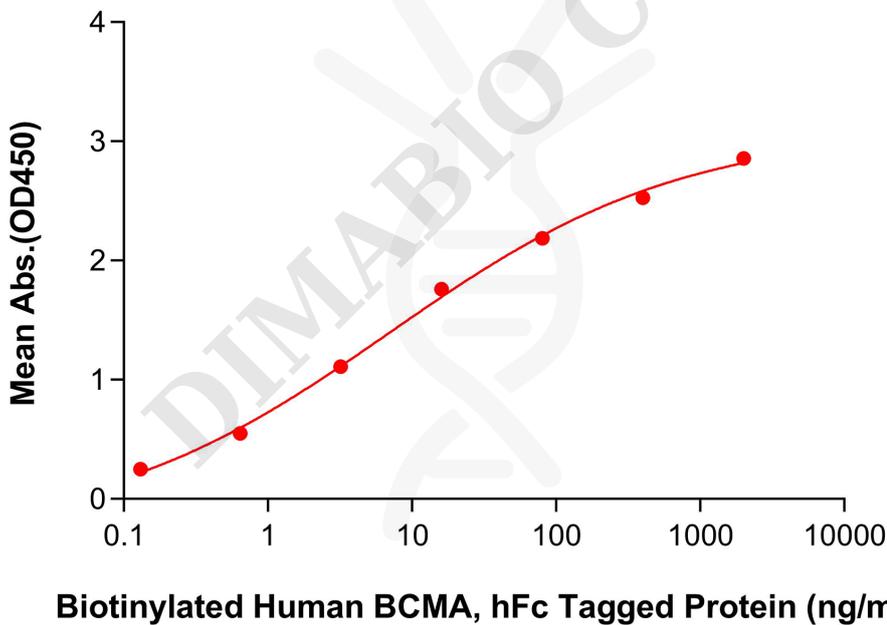


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human BAFF Protein, hFc Tag (PME100043) can bind Biotinylated Human BCMA Protein, hFc Tag (PME101869B) in a linear range of 0.64-16 ng/mL.

