

Datasheet for ABIN6961108  
**BCMA Protein (mFc Tag)**



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4 Images

Overview

Quantity:	100 µg
Target:	BCMA (TNFRSF17)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BCMA protein is labelled with mFc Tag.
Application:	ELISA

Product Details

Purpose:	Recombinant human BCMA protein with C-terminal mouse Fc tag
Specificity:	BCMA (Met1-Ala54) mFc (Pro99-Lys330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.
Biological Activity Comment:	EC50=3.163

Target Details

Target:	BCMA (TNFRSF17)
Alternative Name:	BCMA ( <a href="#">TNFRSF17 Products</a> )

## Target Details

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**Background:** Synonymes: TNFRSF17, CD269, BCM, BCMA

Description: 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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**Molecular Weight:** predicted molecular mass of 32.1 kDa after removal of the signal peptide.

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**Gene ID:** 608

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**UniProt:** [Q02223](#)

## Application Details

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**Application Notes:** Optimal working dilution should be determined by the investigator.

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**Restrictions:** For Research Use only

## Handling

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**Format:** Lyophilized

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**Reconstitution:** Reconstitute with deionized water

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**Buffer:** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

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**Preservative:** Without preservative

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**Storage:** -20 °C,-80 °C

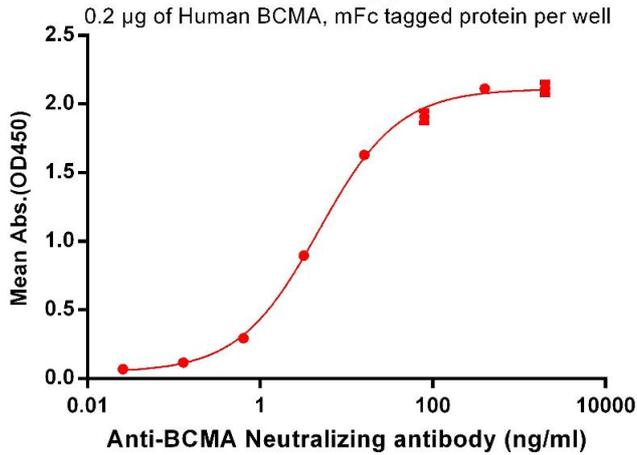
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**Storage Comment:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

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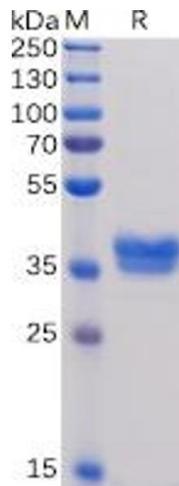
**Expiry Date:** 12 months

### Human BCMA, mFc Tagged protein ELISA



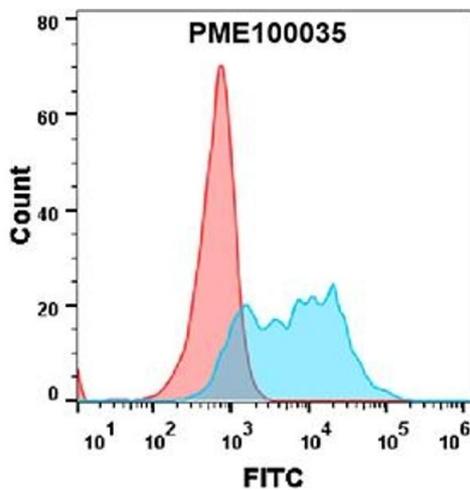
### ELISA

**Image 1.** ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human BCMA, mFc tagged protein (ABIN6961108) can bind Anti-BCMA Neutralizing antibody in a linear range of 0.64-80.0 ng/mL.



### SDS-PAGE

**Image 2.** Human BCMA, mFc Tag on SDS-PAGE under reducing condition.



### Flow Cytometry

**Image 3.** Flow cytometry analysis with 1 µg/mL Human BCMA Protein, mFc tag (ABIN6961108) on Expi293 cells transfected with human BAFF (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6961108.