

PRODUCT INFORMATION

BCMA Target

Synonyms TNFRSF17;CD269;BCM;BCMA

Recombinant human BCMA protein with C-**Description**

terminal human Fc and 6×His tag

Delivery In Stock **Uniprot ID** Q02223 **Expression Host HEK293**

Tag C-Human Fc and 6×His Tag

Molecular

Background

BCMA(Leu2-Ala54) hFc(Glu99-Ala330) 6×His tag Characterization

The protein has a predicted molecular mass of 32.7 kDa after removal of the signal peptide. The apparent molecular mass of BCMA-hFc-His is **Molecular Weight**

approximately 40 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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

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activate NF-kappa-B and JNK.

Usage Research use only

Conjugate Unconjugated





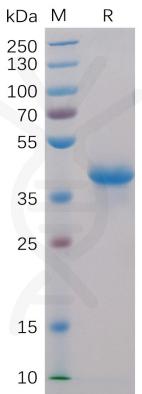


Figure 1. Human BCMA, hFc-His Tag on SDS-PAGE under reducing condition.

Human BCMA, hFc-His Tagged protein ELISA

0.2 µg of Human BCMA, hFc-His Tagged protein per well

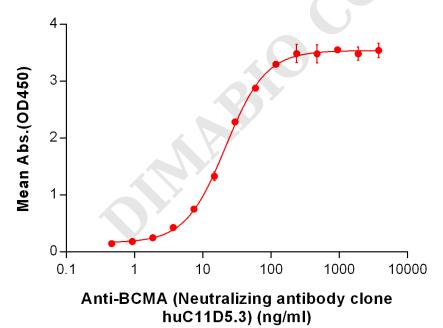


Figure 2. ELISA plate pre-coated by 2 μ g/ml (100 μ l/well) Human BCMA, hFc-His tagged protein can bind Anti-BCMA (Neutralizing antibody clone huC11D5.3) BME100016 in a linear range of 3.71-22.29 ng/ml.

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