## PRODUCT INFORMATION

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| **Target** | BCMA |
| **Synonyms** | BCM; TNFRSF17; CD269 |
| **Description** | Recombinant human BCMA(1-22) Protein with C-terminal mouse Fc tag |
| **Delivery** | In Stock |
| **Uniprot ID** | Q02223 |
| **Expression Host** | HEK293 |
| **Tag** | C-mouse Fc tag |
| **Molecular Characterization** | BCMA(Met1-Ile22) mFc(Pro99-Lys330) |
| **Molecular Weight** | The protein has a predicted molecular mass of 28.6 kDa after removal of the signal peptide. The apparent molecular mass of BCMA(1-22)-mFc is approximately 25-35 kDa due to glycosylation. |
| **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. |
| **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. |
| **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 |

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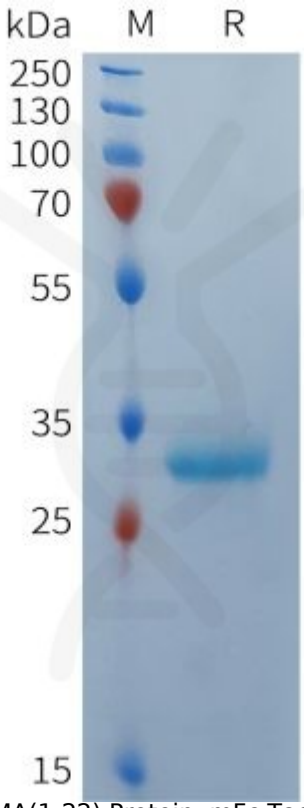



Figure 1. Human BCMA(1-22) Protein, mFc Tag on SDS-PAGE under reducing condition.

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