

PRODUCT INFORMATION

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target                       | BCMA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Synonyms                     | BCM; TNFRSF17; CD269                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Description                  | Recombinant human BCMA(1-42) 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-Asn42) mFc(Pro99-Lys330)                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Molecular Weight             | The protein has a predicted molecular mass of 30.9 kDa after removal of the signal peptide. The apparent molecular mass of BCMA(1-42)-mFc is approximately 25-55 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |



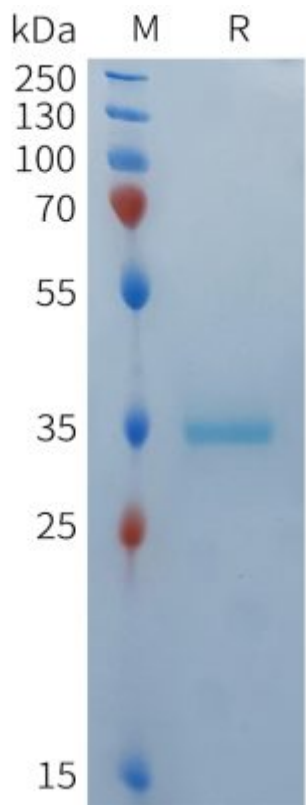


Figure 1. Human BCMA(1-42) Protein, mFc Tag on SDS-PAGE under reducing condition.

