

MOUSE BCMA PROTEIN, HFC TAG

Cat.#: 12125

Product Name: Mouse BCMA Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: BCM;BCMA;Tnfrsf13;Tnfrsf13a

Target: BCMA

UNIPROT ID: O88472

Description: Recombinant mouse BCMA protein with C-terminal human Fc tag

Background: Receptor for TNFSF13B/BlyS/BAFF and TNFSF13/APRIL. Promotes B-cell survival and plays a role in the regulation of humoral immunity. Activates NF-kappa-B and JNK (By similarity).[UniProtKB/Swiss-Prot Function]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 31.6 kDa after removal of the signal peptide. The apparent molecular mass of mBCMA-hFc is approximately 35–55 kDa due to glycosylation.

Molecular Characterization: Mouse BCMA(Met1–Thr49) hFc(Glu99–Ala330)

Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

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.



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

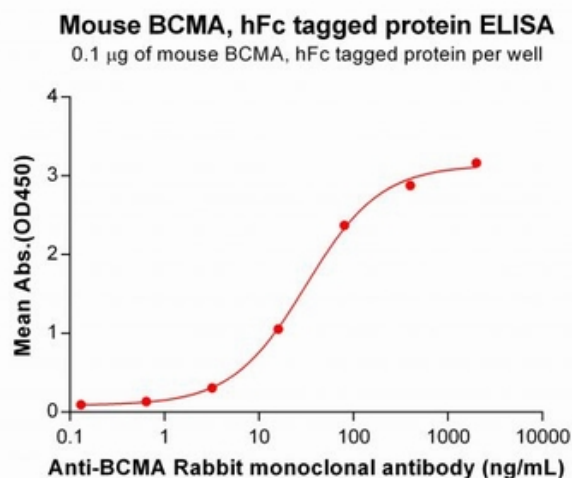


Figure 2. ELISA plate pre-coated by 1 µg/ml (100 µl/well) Mouse BCMA Protein, hFc Tag (12125) can bind anti BCMA monoclonal antibody 28288 in a linear range of 3.2–400 ng/mL.

