

MOUSE BAFF PROTEIN, HFC TAG**Cat.#:** 12196**Product Name:** Mouse BAFF Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** B-cell-activating factor;CD257;Tnfsf13b;Baff**Target:** BAFF**UNIPROT ID:** Q9WU72**Description:** Recombinant mouse BAFF protein with N-terminal human Fc tag**Background:** Cytokine that binds to TNFRSF13B/TACI and TNFRSF17/BCMA. TNFSF13/APRIL binds to the same 2 receptors. Together, they form a 2 ligands -2 receptors pathway involved in the stimulation of B- and T-cell function and the regulation of humoral immunity. A third B-cell specific BAFF-receptor (BAFFR/BR3) promotes the survival of mature B-cells and the B-cell response.[UniProtKB/Swiss-Prot Function]**Species/Host:** HEK293**Molecular Weight:** The protein has a predicted molecular mass of 46.8 kDa after removal of the signal peptide. The apparent molecular mass of hFc-mBAFF is approximately 40-55 kDa due to glycosylation.**Molecular Characterization:** hFc(Glu99-Ala330) Mouse BAFF(Ala127-Leu309)**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.

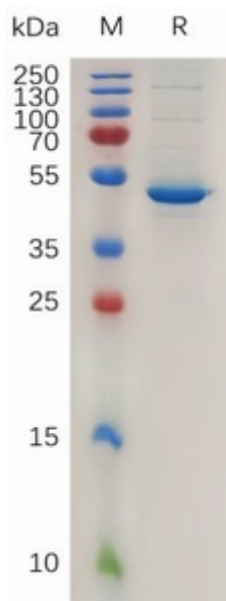


Figure 1. Mouse BAFF Protein, hFc Tag on SDS-PAGE under reducing condition.