

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.

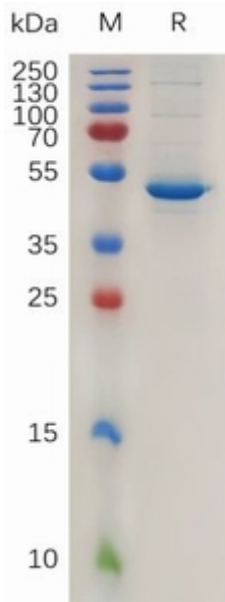


Figure 1. Mouse BAFF Protein, hFc Tag on SDS-PAGE under reducing condition.