

PRODUCT INFORMATION

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| Target | BAFF |
| Synonyms | B-cell-activating factor;CD257;Tnfsf13b;Baff |
| Description | Recombinant mouse BAFF protein with N-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | Q9WU72 |
| Expression Host | HEK293 |
| Tag | N-Human Fc Tag |
| Molecular Characterization | hFc(Glu99-Ala330) Mouse BAFF(Ala127-Leu309) |
| 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. |
| 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 of reconstitution. |
| 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 | 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] |
| Usage | Research use only |
| Conjugate | Unconjugated |



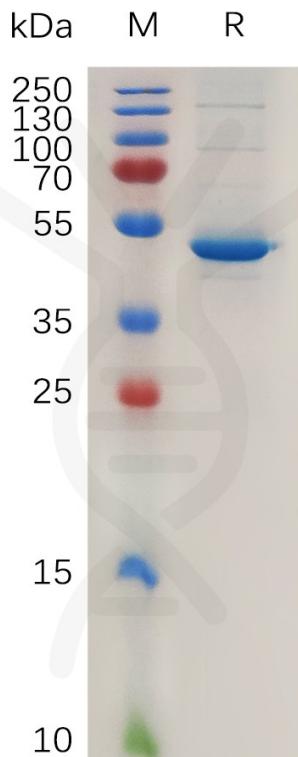


Figure 1. Mouse BAFF Protein, hFc Tag on SDS-PAGE under reducing condition.

