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TNFSF13B
Recombinant Human BAFF

Catalog No.	CRB300A	**Quantity:**	5 µg
	CRB300B		20 µg
	CRB300C		1.0 mg

Alternate Names: BLYS, CD257, TALL1, THANK, ZTNF4, TALL-1, TNFSF20, TNFSF13B

Description: Recombinant Human BAFF is a single, non-glycosylated polypeptide chain containing 153 amino acids and has a MW = 17.0 kDa.

GeneID: 10673

Source: *E. coli*

Molecular Weight: 17.0 kDa

Formulation: Lyophilized from a 0.2 µm filtered concentrated (1.0 mg/ml) solution in PBS, pH 7.0.

Purity: >95% as determined by RP-HPLC and SDS-PAGE

Endotoxin Level: <0.1 ng per µg of human BAFF

Biological Activity: Measured in a cell proliferation assay using anti-IgM stimulated mouse B cells. The ED_{50} for this effect is typically 0.5 - 2 ng/mL in the presence of 10 µg/mL of goat anti-mouse IgM µ chain.

Amino Acid Sequence: MAVQGPEETV TQDCLQLIAD SETPTIQKGS YTFVPWLLSF KRGSALEEKE NKILVKETGY FFIYGQVLYT DKTYAMGHLI QRKKVHVFGD ELSLVTLFRC IQNMPETLPN NSCYSAGIAK LEEGDELQLA IPRENAQISL DGDVTFFGAL KLL

Reconstitution: **Centrifuge vial prior to opening.** First add sterile water to the vial to fully solubilize the protein to a concentration not less than 100 µg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions.

Storage & Stability: The Lyophilized protein is stable for a three weeks at room temperature, but best stored desiccated at -20°C to -80°C. Reconstituted BAFF should be stored at 2-4°C for 1 week and for future use at -20° to -80°C. **Avoid repeated freeze-thaw cycles.**

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