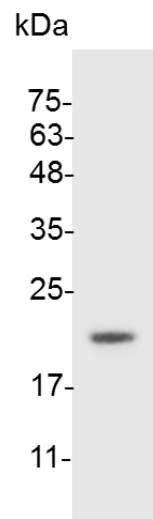


BAFF (B-cell activating factor), Mouse

v. 231101

Catalog number	C02044-5UG / C02044-20UG / C02044-100UG
Package	5 µg / 20 µg / 100 µg
Description	B-cell activating factor (BAFF) also known as tumor necrosis factor ligand superfamily member 13B is a protein, that in humans, is encoded by the TNFSF13B gene. BAFF is also known as B Lymphocyte Stimulator (BLyS) and TNF- and APOL-related leukocyte expressed ligand (TALL-1) and the Dendritic cell-derived TNF-like molecule. BAFF is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is expressed in B cell lineage cells, and acts as a potent B cell activator. It has been also shown to play an important role in the proliferation and differentiation of B cells.
Source	<i>Escherichia coli</i>
Sequence	MAFQGPEETEQDVLSDAPPAPCLPGCRHSQHDDNGMNLRNIIQDCLQLIADSD TPTIRKGYTFVFWLLSFKRGNALEEKENKIVVRQTGYFFIYSQVLYTDPIFAMG HVIQRKKVHVFGDELSLVTFRFCIQNMPKTLPNNSCYSAGIARLEEGDEIQLAIP RENAQISRNGDDTFFGALKLL with polyhistidine tag at the C-terminus
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Activity	Measure by its ability to induce proliferation in mouse B cells. The ED ₅₀ for this effect is <0.5 ng/mL. The specific activity of recombinant mouse BAFF is > 2 x 10 ⁶ IU/mg.
Purity	>98% as determined by SDS-PAGE.
Form	Lyophilized
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Stability & Storage	This product is stable after storage at: <ul style="list-style-type: none"> -20°C for 12 months in lyophilized state from date of receipt. -20°C or -80°C for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.



SDS-PAGE analysis of recombinant mouse BAFF

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