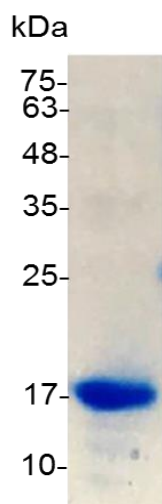


## PRODUCT INFORMATION

**BAFF (B-cell activating factor), Human**

<b>Catalog number</b>	C01051-5UG / C01051-20UG / C01051-100UG
<b>Package</b>	5 µg / 20 µg / 100 µg
<b>Description</b>	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.
<b>Source</b>	<i>Escherichia coli</i>
<b>Sequence</b>	MAVQGPEETVTQDCLQLIADSETPTIQKGSYTFVPWLLSFKRGSAL EEKENKILV KETGYFFIYGQVLYTDKTYAMGHLIQRKKVHVFGDELSTLFRFCIQNMPETLPN NSCYSAGIAKLEEGDELQLAIPRENAQISLDGDVTFFGALKLL with polyhistidine tag at the C-terminus
<b>Endotoxin level</b>	<0.1 EU per 1 µg of the protein by the LAL method.
<b>Activity</b>	Measure by its ability to induce IL-8 secretion in human PBMCs. The ED <sub>50</sub> for this effect is <0.5 ng/mL.
<b>Purity</b>	>98% as determined by SDS-PAGE. Ni-NTA chromatography
<b>Formulation</b>	The protein was lyophilized from a solution containing 1X PBS, pH 8.0.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Storage</b>	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
<b>Note</b>	Please use within one month after protein reconstitution.



SDS-PAGE analysis of recombinant human BAFF

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