

## BAFF (BLyS) Human Recombinant, Plant

<b>Item Number</b>	rAP-0343
<b>Synonyms</b>	BAFF, BLYS, CD257, TALL1, THANK, ZTNF4, TALL-1, TNFSF20, TNFSF13B, B-cell Activating Factor.
<b>Description</b>	BAFF human Recombinant produced in Nicotiana benthamiana plant is a single glycosylated polypeptide chain containing 151 amino acids fragment(134-285).BAFF (C830H1277N223O242S5) is fused to a 10-His-tag at the N-terminal having the total molecular mass of 18-20kDa and purified by standard chroma-
<b>Uniprot Accession Number</b>	Q9Y275
<b>Amino Acid Sequence</b>	HHHHHHHHHH AVQGPEETVT QDCLQLIADS ETPTIQKGSY TFVPWLLSFK RGSALEEKEN KILVKETGYF FIYGQVLYTD KTYAMGHLIQ RKKVHVFGDE LSLVTLFRCI QNMPETLPNN SCYSAGIAKL EEGDELQLAI PRENAQISLD GDVTFFGALK LL
<b>Source</b>	Nicotiana benthamiana plant
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized&nbsp;BAFF although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution&nbsp;BAFF should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
<b>Formulation and Purity</b>	Lyophilized from 1mg/ml solution in 20 mM PBS buffer pH 7 and 0.2 M NaCl. Greater than 97.0% as determined by Analysis by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized BAFF in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	The activity is determined by dose-dependent stimulation of proliferation B cell from Human PBMC. Cell proliferation was measured by MTT method. *activity results may vary with PBMC donors. ED50 ? 50ng/ml
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**