

Human BAFF Recombinant Protein



RPPB0086

Product Information Protein Information

Product SKU:

RPPB0086

Accession:

Q9Y275

Host:

Nicotiana
benthamiana plant

Protein description:

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 chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

BAFF, BLYS, CD257, TALL1, THANK, ZTNF4, TALL-1, TNFSF20, TNFSF13B, B-cell Activating Factor.

Formulation:

Lyophilized from 1mg/ml solution in 20 mM PBS buffer pH 7 and 0.2 M NaCl.

Purity:

Greater than 97.0% as determined by Analysis by SDS-PAGE.

Solubility:

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.

Stability:

Lyophilized BAFF although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution 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.

Amino Acid Sequence:

HHHHHHHHHH AVQGPEETVT QDCLQLIADS ETPTIQKGSY TFVPWLLSFK RGSALEEKEN KILVKETGYF
FIYGQVLYTD KTYAMGHLIQ RKKVHVFGDE LSLVTLFRCI QNMPETLPNN SCYSAGIAKL EEGDELQLAI
PRENAQISLD GDVTFFGALK LL

Biological Activity:

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