

Human BAFF (BLyS, CD257)

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

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
5 µg	1160.950.005		
20 µg	1160.950.020		
1 mg	1160.950.199		

Please enquire for bulk quantities and other vial sizes

Description

BAFF Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 153 amino acids and having a molecular mass of 17007 Dalton. The BAFF is purified by proprietary chromatographic techniques.

- **Source** *E. Coli*
- **Purity** ≥ 95 % (SDS-PAGE, RP-HPLC)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.0*
- **Physical state** Sterile filtered, lyophilized

Biological Activity

The activity is determined by a mouse splenocyte survival assay. The ED₅₀ for this effect is 0.5-2.0µg/ml.

Reconstitution

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. **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

MAVQGPEETV TQDCLQLIAD SETPTIQKGS YTFVPWLLSF KRGSALLEEKE NKILVKETG YFFIYGQVLY
TDKTYAMGHL IQRKKVHVFG DELSLVTLFR C IQNMPETL PNNSCYSAGI AKLEEGDELQ LAIPRENAQI
SLDGDVTFFG ALKLL

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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