



BAFF (BLyS), His Tag, human recombinant (rHuBAFF-His)

Catalog No: 97001
Lot No: XXXXX
Source: *E. coli*
Synonyms: BAFF, BLYS, CD257, TALL1, THANK, ZTNF4, TALL-1, TNFSF20, TNFSF13B, B-cell Activating Factor

Background

Binds to tnfrsf13b/taci and tnfrsf17/bcma. tnfsf13/april binds to the same 2 receptors, together, they form a 2 ligands -2 receptors pathway involved in the stimulation of b- and t-cell function and the regulation of humoral immunity. a third b-cell specific baffr-receptor (baffr/br3) promotes the survival of mature b-cells and the b-cell response. B Lymphocyte Stimulator functions as a potent B-cell growth factor in costimulation assays. Administration of BAFF Human recombinant to mice disrupts splenic B-cell and T-cell zones and results in elevated levels of serum immunoglobulin.

Description

BLyS human recombinant fused to His Tag at N-terminus produced in *E. coli* is a single, non-glycosylated polypeptide chain containing 190 amino acids and having a molecular mass of 21 kDa. The BAFF His Tag fusion protein is purified by proprietary chromatographic techniques.

Physical Appearance

Sterile filtered colorless solution.

Formulation

Recombinant His Tag BAFF contains 20 mM Tris buffer pH 8 and 5 mM DTT at a concentration of 1 mg/ml.

Stability

BLyS, although stable at 10°C for 3 weeks, should be stored desiccated below -18°C. Please prevent freeze-thaw cycles.

Purity

Greater than 95.0% as determined by (a) Analysis by RP-HPLC, (b) Analysis by SDS-PAGE.

Amino Acid Sequence

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMAV QGPEETVTQD CLQLIADSET PTIQKGSYTF VPWLLSFKRG
SALEEKENKI LVKETGYFFI YGQVLYTDKT YAMGHLIQRK KVHVFGDELS LVTLFRCIQN MPETLPNNSC YSAGIAKLEE
GDELQLAIPR ENAQISLDGD VTFFGALKLL

Usage

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