

BAFF Human, His

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.

Catalog #: CYP5-552

For research use only.

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

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMAV
QGPEETVTQDCLQIADSET PTIQKGSYTF VPWLLSFKRG SALEEKENKI LVKETGYFFI
YGQVLYTDKT YAMGHLIQRK KVHVFGDELS LVTLFRCIQN MPETLPNNSC YSAGIAKLEE
GDELQLAIPR ENAQISLDGD VTFFGALKLL.

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

Formulation:

Recombinant His Tag BAFF contains 20mM Tris buffer pH-8 and 5mM DTT.

Stability:

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

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

Binds to tnfrsf13b/taci and tnfrsf17/bcma. tnfrsf13/apr1 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 baff-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.

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