



Recombinant Human BAFF

Datasheet

Catalog Number: PR27056

Product Type: Recombinant Protein

Source: *E.coli*

Description/Molecular Mass: B-cell Activating Factor (also named BAFF or BLYS) 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.

Amino Acid Sequence: The sequence of the first five N-terminal amino acids was determined and was found to be Met-Ala-Val-Gln-Gly.

Biological Activity: The activity is determined by the dose-dependant stimulation of IL-8 production by human PBMC. The ED₅₀ for this effect is less than 10ng/ml.
Please note: results may vary with PBMC donors.

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

Format: Sterile Filtered White lyophilized (freeze-dried) powder. Each mg contains 1.6mg mannitol and 1.2mg HSA.

Reconstitution: It is recommended to reconstitute the lyophilized BLYS in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Storage: Lyophilized B cell Activating Factor although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution B Lymphocyte Stimulator should be stored at 4°C between 2-7 days and for future use below -18°C.
Please prevent freeze-thaw cycles.

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www.neuromics.com

Neuromics Antibodies • 5325 West 74th Street, Suite 8 • Edina, MN 55439
phone 866-350-1500 • fax 612-677-3976 • e-mail pshuster@neuromics1.com