

General Information

Gene Name Synonym

B lymphocyte stimulator; B-cell-activating factor; BAFF; Dendritic cell-derived TNF-like molecule; TNF- and APOL-related leukocyte expressed ligand 1; Tumor necrosis factor ligand superfamily member 13b, membrane form; Tumor necrosis factor ligand superfamily member 13b, soluble form

Protein Construction

A DNA sequence encoding the soluble form of human BAFF (Q9Y275-1) (Ala 134-Leu 285) was expressed and purified.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured in a cell proliferation assay using anti-IgM stimulated mouse B cells. The ED₅₀ for this effect is typically 0.4-2 ng/mL in the presence of goat anti-mouse IgM μ chain.

Purity

> 96 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Ala 134

Molecular Mass

The recombinant human BAFF consists of 152 amino acids and has a predicted molecular mass of 17 kDa. In SDS-PAGE under reducing conditions, rhBAFF migrates as an approximately 19 kDa band.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

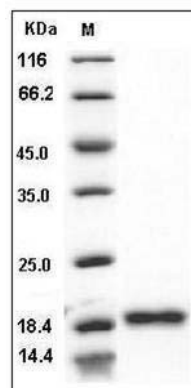
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human BLyS / TNFSF13B / BAFF Protein SDS-

Human BLyS/TNFSF13B recombinant protein



Catalog Number: 503353

PAGE