

Recombinant B-Cell Activating Factor (BAFF)

Catalog No.: TP06329

50µg

Sequence Information

Species: Human

Gene ID:10673

Swiss Prot:Q9Y275

Synonyms:CD257; TNFSF13B; BLYS; TALL1;

THANK; TNFSF20; ZTNF4; B

lymphocyte stimulator; Tumor Necrosis

Factor Ligand Superfamily Member 13B;

Dendritic cell-derived TNF-like

Residues:Ala134-Leu285

AVQGPEETVTQDCLQLIADSETPTIQKGSYTFVPWLLSFKRGSALEEKENKILV

KETGYFFIYGQVLYTDKTYAMGHLIQRKKVHVFGDELSLVTLFRCIQNMPETLP

NNSCYSAGIAKLEEGDELQLAIPRENAQISLDGDVTFFGALKLL

Product Information

Source: Prokaryotic expression.

Host: *E. coli*

Tags: Two Tags, His-tag and Fc-tag

Subcellular Location: Cell membrane. Single-pass type II membrane protein. Secreted.

Purity: >95%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.1% SKL, 5% Trehalose.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 4.9

Predicted Molecular Mass: 43.9kDa

Accurate Molecular Mass: 44kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

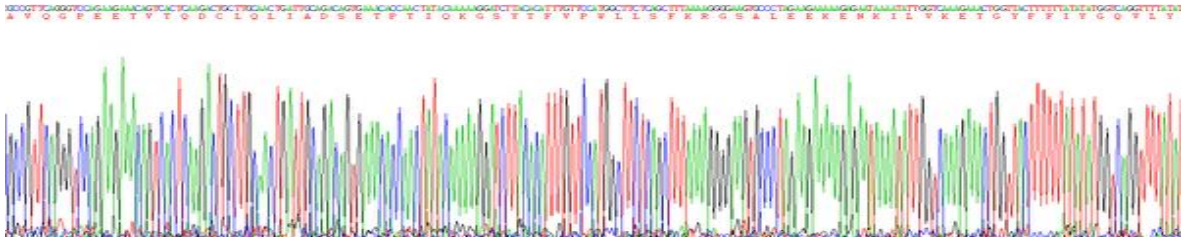


Figure 1. Gene Sequencing (Extract)

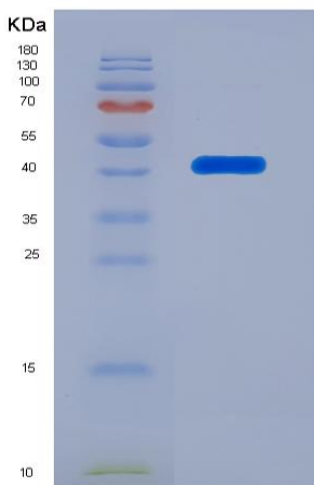


Figure 2. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.