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37-1053: Human BLyS / TNFSF13B / BAFF Recombinant Protein(Discontinued)

Reactivity : Human

Alternative Name : BAFF Protein, BLYS Protein, CD257 Protein, DTL Protein, TALL-1 Protein, TALL1 Protein, THANK Protein, TNFSF20 Protein, ZTNF4 Protein,

Description

Source : E. coli

B lymphocyte stimulator (BLyS), also known as TNFSF13B, CD257 and BAFF, is single-pass type II membrane protein, which belongs to the tumor necrosis factor family. BAFF is abundantly expressed in peripheral blood Leukocytes and is specifically expressed in monocytes and macrophages. BAFF is a cytokine and serves as a ligand for receptors TNFRSF13B (TACI), TNFRSF17 (BCMA), and TNFRSF13C (BAFFR). These receptors is a prominent factor in B cell differentiation, homeostasis, and selection. BLyS levels affect survival signals and selective apoptosis of autoantibody-producing B cells. Thus, it acts as a potent B cell activator and has been shown to play an important role in the proliferation and differentiation of B cells. Overexpression of BLyS in mice can lead to clinical and serological features of systemic lupus erythematosus (SLE) and Sjögren's syndrome (SS). BLyS as an attractive therapeutic target in human rheumatic diseases. The ability of BLyS to regulate both the size and repertoire of the peripheral B cell compartment raises the possibility that BLyS and antagonists thereof may form the basis of a therapeutic trichotomy. As an agonist, BLyS protein may enhance humoral immunity in congenital or acquired immunodeficiencies such as those resulting from viral infection or cancer therapy. Cancer Immunotherapy Immune Checkpoint Immunotherapy Targeted Therapy

Product Info

Amount : Human BLyS / TNFSF13B / BAFF Recombinant Protein(Discontinued) / 50 µg

Purification : > 88 % as determined by SDS-PAGE

Content : Formulation Lyophilized from sterile PBS, pH 7.5
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

Storage condition : 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.

Amino Acid : Ala134-Leu285

Application Note

Other pack size also available

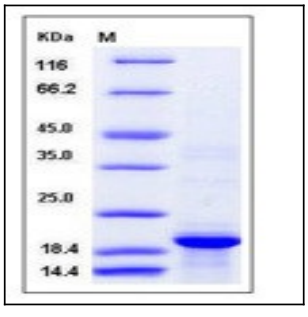

Fig 1: Human BLyS / TNFSF13B / BAFF Recombinant Protein