9853 Pacific Heights Blvd.
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32-12010: Human BAFF / BLyS

Gene :	TNFSF13B
Gene ID :	10673
Uniprot ID :	Q9Y275
Alternative Name :	Â ARTN, enovin, neublastinÂ Â Â Â Â Â Â Â Â Â Â Â Â Â Â

Description

Source: Genetically modified E.coli.
Predicted MW: Monomer, 18.5 kDa (163 aa)
B cell-activating factor (BAFF), or B lymphocyte stimulator (BLyS), is a type II member of the tumor necrosis factor (TNF) superfamily. BAFF is expressed as a transmembrane protein on T cells, macrophages, and dendritic cells. The transmembrane domain of BAFF can also be cleaved to produce a soluble protein fragment. BAFF binds to the TNF receptors known as B cell maturation antigen (BCMA), transmembrane activator and CAML interactor (TACI), and BAFF receptor (BAFFR). BAFF is important for the survival and maturation of peripheral B cells. Human BAFF shows activity on mouse splenocytes.

Product Info

Amount :	20 µg / 100 µg
Purification :	Reducing and Non-Reducing SDS PAGE at >= 90%
Content :	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, pH 7.5 Sterile water at 0.1 mg/mL
Storage condition :	Store at -20°C
Amino Acid :	MHHHHHHLVP RAVQGPEETV TQDCLQLIAD SETPTIQKGS YTFVPWLLSF KRGSALEEKE NKILVKETGY FFIYGQVLYT DKTYAMGHLI QRKKVHVFGD ELSLVTLFRC IQNMPETLPN NSCYSAGIAK LEEGDELQLA IPRENAQISL DGDVTFFGAL KLL

Application Note

Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialed to compensate for this loss.

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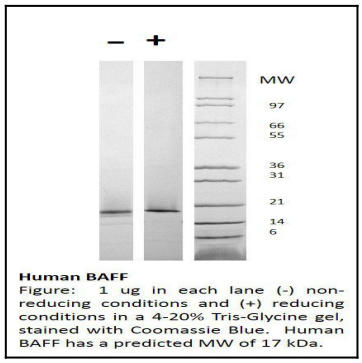

Human BAFF
Figure: 1 ug in each lane (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Human BAFF has a predicted MW of 17 kDa.