PRODUCT DATA SHEET

Product: BAFF (mouse recombinant soluble)

Cat. No.: **BC-322 (10 µg)**

Synonyms:
BlyS; TALL-1; THANK; zTNF4; TNFSF 13B/20; CD257

Source/Host:
Produced in HEK 293 cells. The extracellular domain of mouse BAFF (aa 127-309) is fused at the N-terminus to a linker peptide (10 aa) and a FLAG® tag.

Molecular Weight:
~17 kDa as determined by SDS-PAGE

Format:
Lyophilized. Contains PBS. Reconstitute with 100 µL of sterile water for 0.1 mg/mL solution. Further dilutions should be made with medium containing 5% fetal calf serum or other carrier protein.

Purity:
≥90% as determined by SDS-PAGE.
Endotoxin: <0.1 EU/µg of purified protein (LAL test).

Biological Activity and Application:
Mediates splenocyte survival. Binds to mouse and human (weak) BCMA, TACI and BAFF-R.

Storage:
Store at -20°C. After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.

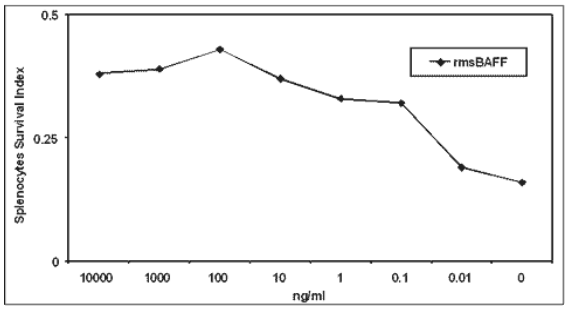

Figure: Mouse BAFF (BC-322) mediates survival of freshly isolated splenocytes.
Method: On day 0 splenocytes were isolated from a freshly collected C57Bl6 spleen. An aliquot of the splenocytes was analyzed on FACS and gated on the SSC-FSC panel. FACS settings were saved. The rest of the cells was put in culture with media alone or with increasing concentrations of mouse BAFF (BC-322) as indicated. After three days in culture, cells were harvested and analyzed on FACS with the saved setting. Splenocytes Survival Index (ratio % living/% dead cells) was calculated and plotted

Limitations:
For *in vitro* research use only. Not for use in diagnostics or in humans.

Warranty:
No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.