

PRODUCT INFORMATION SUMMARY

Human BAFF Receptor

Purified Factor	Product Number	HC511010A	10 ug
	Product Number	HC511010	50 ug

DESCRIPTION:

Human B-Cell Activating Factor Receptor (BAFF) is a transmembrane protein of the TNF Receptor superfamily that binds to the BAFF protein. BAFF receptor is found on resting B cells, lymph node and spleen and to a lesser extent on activated B cells, PBLs and resting CD4+ cells. BAFF and its receptor signals B cell maturation and survival. The BAFF receptor is a 76 aa. Peptide with 7.7 kDa molecular weight corresponding to extracellular portion of the BAFF receptor.

SOURCE: E. Coli
Purity > 95% by HPLC analysis
Endotoxin < 0.1 ng per ug BAFF rec.
Sterile-filtered and lyophilized from PBS

BIOLOGICAL ACTIVITY:

This human BAFF receptor was observed to be biologically active in blocking BAFF induced mouse splenocyte survival. An ED50 of 4.0 ug/mL in presence of 1.0 ug human soluble human BAFF.

HANDLING AND STORAGE:

Purified Human BAFF receptor is provided lyophilized. Store lyophilized, at -20° C. Microcentrifuge before reconstitution (see below). Upon reconstitution in 100 uL of sterile or distilled water, further dilute in PBS or other buffered solutions. Store small aliquots at -20° C for long-term storage, at high concentration.

Before opening vial, it is recommended to microcentrifuge vial for 30 seconds to spin-down any lyophilized material that may adhere to top of vial. The small amounts of protein may adhere to the vial as a very thin coat of lyophilized material, and may be difficult to see as a pellet.

WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

RESEARCH USE ONLY -NOT for DRUG USE