

## PRODUCT INFORMATION SUMMARY

### Mouse BCA-1

( B-Cell Attracting chemokine-1)

Purified Factor	Product Number	RC444130B	20.0 ug
	Product Number	RC444130A	5.0 ug

#### DESCRIPTION:

Mouse B Cell Attracting chemokine-1 or BCA-1 ( also known as BLC or CXCL13) is a protein that acts via the CXCR5 receptor and is a strong attractant for B lymphocytes and a weak chemoattractant for T cells and macrophages. Mouse BCA-1 is expressed in the liver, lymph nodes, spleen, stomach and appendix. Mouse BCA-1 is a 9.8 kDa protein with 88 aa. residues.

**SOURCE:** E. Coli  
Purity > 98% by HPLC analysis  
Endotoxin < 0.1 ng per ug mouse BCA-1  
Sterile filtered and lyophilized

#### BIOLOGICAL ACTIVITY:

Observed ability to chemoattract murine B cells in concentration range of 10.0 - 100.0 ng/mL.

#### HANDLING AND STORAGE:

Purified Mouse BCA-1 factor is provided lyophilized with no additives. Store lyophilized, at -20° C. Upon reconstitution with distilled ( or sterile) water to a concentration of 100 ug/mL, dilute in PBS or other buffered solutions. Store small aliquots, **with addition of carrier protein, ie., 0.1%BSA,** at -20° C for long-term storage - up to 3 months, 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**