

## PRODUCT INFORMATION SUMMARY

### Human sol. CD22

Purified Factor	Product Number	HC88900B	20.0 ug
		HC88900A	5.0 ug

#### DESCRIPTION:

Human Soluble CD22 is a B-cell activation and adhesion marker, present in cytoplasm of nearly all B-lineage cells. Human CD22 binds to oligosaccharides containing 2-6-linked sialic acid residues and 135 KDa molecular weight ( 666 aa. Residues, extracellular domain). Potential uses of CD22 and anti-CD22 probes include studies of leukemia, lymphoma, and autoimmune diseases.

**SOURCE:** CHO cells  
Purity > 98% by HPLC analysis  
Endotoxin < 0.1 ng per ug CD22

**BIOLOGICAL ACTIVITY:** Half-maximal effect at 15 ug/mL for inhibition of Raji cell proliferation.

#### HANDLING AND STORAGE:

Purified Human CD22 is provided lyophilized. Store lyophilized, at -20 ° C. Upon reconstitution with 100 uL sterile or distilled water, dilute in PBS or other buffered solutions. Store small aliquots at -20 ° C, **with addition of carrier protein, ie., 0.1% BSA,** for long-term storage - up to 3 months, at high concentration.

**Before opening vial:** we recommend microcentrifuge for 30 seconds, to spin-down any lyophilized material that may adhere to sides of vial. These small amounts of lyophilized protein may exist as a thin film, and be difficult to see in the vial.

#### 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**