

PRODUCT INFORMATION SUMMARY

Human ICAM-1

Purified Factor	Product Number	HC67722A	10.0 ug
	Product Number	HC67722B	50.0 ug

DESCRIPTION:

Human IntraCellular Adhesion Molecule (ICAM), also known as the CD54 antigen, is a protein belonging to the Ig superfamily. ICAM-1 is the predominant rhinovirus receptor and a ligand for Lymphocyte Function Associated (LFA) and Mac-1 Integrins. ICAM-1 is believed to primarily function as adhesion between leukocytes and endothelial cells upon injury. This recombinant protein represents the extracellular domain (453 aa) of the 49.5 kDa glycoprotein.

SOURCE: CHO cells
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug ICAM-1
Sterile-filtered and lyophilized from PBS

BIOLOGICAL ACTIVITY: Shown to support the adhesion of greater than 50% PMA-stimulated HSB2 cells to plates coated at 25.0 ng/mL ICAM-1 concentration.

HANDLING AND STORAGE:

Purified Human ICAM-1 factor is provided lyophilized. Store lyophilized, at -20° C. **Microcentrifuge** before reconstitution (see below). Upon reconstitution to approx. 100.0 ug/uL in sterile or distilled water, further dilute in PBS or other buffered solutions. Store small aliquots 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