

PRODUCT INFORMATION SUMMARY

Human E-Selectin

(ELAM-1)

PRODUCT NUMBER HC511150B Purified factor 50.0 ug
PRODUCT NUMBER HC511150A Purified factor 10.0 ug

DESCRIPTION:

Human E-Selectin or Endothelial Leukocyte Adhesion Molecule (ELAM-1) is a highly glycosylated transmembrane protein which stimulates recruitment of leukocytes to sites of inflammation in vascular lining. E-Selectin is expressed by activated endothelial cells. Human E-Selectin has molecular weight of 58.6 kDa with 535 amino acid residues. Under reducing conditions, molecular weight is observed at 65-85 kDa on SDS-PAGE due to glycosylation.

SOURCE:

CHO cells
Purity greater than 95% by HPLC analysis
Endotoxin level < 0.1 ng per ug E-Selectin.

HANDLING AND STORAGE:

Provided as lyophilized protein. Human E-Selectin should be reconstituted to 100 ug/mL in sterile or distilled water. Further dilute in PBS or other buffered solutions. This can be stored frozen in small aliquots, **with addition of 0.1% BSA**, at high concentration - up to 3 months. Avoid multiple freeze-thaw cycles.

Microcentrifuge before reconstitution. Because ANTIGENIX AMERICA factors are provided carrier-protein free, the small quantities of lyophilized protein can adhere to the sides of the vial. **Before opening vial**, we recommend microcentrifuging for 30 seconds to spin-down all material.

BIOACTIVITY:

Observed ability to support adhesion of U937 cells (human lymphoma cell line).

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.

FOR RESEARCH USE ONLY. NOT FOR THERAPEUTIC OR DRUG USE.