

## PRODUCT INFORMATION SUMMARY

### Human Fas Ligand

PRODUCT NUMBER HC70031CB Purified factor 10 ug  
HC70031CA Purified factor 2.0 ug

#### DESCRIPTION:

Human soluble Fas Ligand is a member of the TNF family of cytokines, a type II membrane protein which binds to cells expressing the Fas antigen. Fas Ligand kills T cells and activated cells to down-regulate the immune response. The complete Fas Ligand antigen consists of extracellular, transmembrane and cytoplasmic domains. Soluble Fas Ligand exists as a homotrimer, with molecular weight of 19.9 kDa with 175 amino acid residues.

#### SOURCE: CHO cells

Purity greater than 95% by HPLC analysis  
Endotoxin level < 0.1 ng per ug Fas Ligand.

#### HANDLING AND STORAGE:

Provided as lyophilized protein. Human Fas Ligand should be reconstituted in sterile or distilled water to concentration of 100 ug/mL. Further dilute in PBS or other buffered solutions. This can be stored in small aliquots frozen (-20 Deg. C.), **with addition of 0.1% BSA**, for long-term storage- up to 3 months. Avoid **any** 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:

Fully biologically active as compared to standards. Specific activity corresponding to  $1 \times 10^5$  units/mg. Units as determined by ability to induce cytotoxicity of Jurkat cells in absence of cross-linking. (10.0 ng/mL).

**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.**