

## PRODUCT INFORMATION SUMMARY

### Human IL 15

Purified Factor	Product Number	HC01520B	10.0 ug
		HC01520A	2.0 ug

#### DESCRIPTION:

Human Interleukin-15 (IL 15) is a lymphoid cell growth factor and acts primarily on T cells. Human IL 15 has molecular weight of 12.9 kDa, with 114 aa. residues.

**SOURCE:** E. Coli  
Purity > 98% by HPLC analysis  
Endotoxin < 0.1 ng per ug IL 15

#### BIOLOGICAL ACTIVITY:

**Fully biologically active when compared to standards.**

Specific activity of  $2 \times 10^6$  units/mg, as determined by dose dependent proliferation of murine CTLL-2 cells ( 0.5 ng/mL, half maximal).

**Range** of biologic activity: 0.1 - 10 ng/mL

#### HANDLING AND STORAGE:

Purified Human IL 15 factor is provided lyophilized. Store lyophilized, at  $-20^{\circ}$  C. Can be reconstituted with **distilled water** to a concentration of 100 ug/mL, then dilute in PBS or other buffered solutions. Store small aliquots at  $-20^{\circ}$  C for long-term storage, at high concentration.

**Microcentrifuge before reconstitution.** Because ANTIGENIX factors are provided without carrier proteins like sucrose or BSA, the small quantities of lyophilized protein can adhere to the sides and cap of the vial during manufacture. **Before opening the vial**, we recommend microcentrifuging for 30 seconds to spin-down all material.

#### 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**