



PRODUCT INFORMATION SUMMARY

Human IL 7

Purified Factor Product Number HC70020 5.0 ug

DESCRIPTION:

Human Interleukin-7 (IL 7) is a potent factor which acts to stimulate growth of lymphoid cells, including Pre and Pro-B cells, and early T cells. Human IL 7 also acts upon mature T cells in concert with other factors such as IL 2. Molecular weight of 17.4 kDa, with 152 aa. residues.

SOURCE: E. Coli
 Purity > 98% by HPLC analysis
 Endotoxin < 0.1 ng per ug IL 7

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards.
Specific activity of 2×10^6 units/mg, as determined by dose dependent stimulation of murine IXN/2B cells.

Range of biologic activity: 0.1 - 10 ng/mL

HANDLING AND STORAGE:

Purified Human IL 7 factor is provided lyophilized. Store lyophilized, at -20° C. **Reconstitute with distilled water** to a concentration of 100 ug/mL, then dilute in PBS or other buffered solutions. Store small aliquots at -20° 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