



AA-HC01020

PRODUCT INFORMATION SUMMARY

Human IL 10

Purified Factor Product Number HC01020 5.0 ug

DESCRIPTION:

Human Interleukin-10 (IL 10) is a protein factor which acts to inhibit the delayed-type hypersensitivity response and macrophage mediated cytokine synthesis, as well as stimulation of Th2 cell response. Human IL 10, originally known as Cytokine Synthesis Inhibitory Factor, is an 18.6 kDa molecular weight with 160 aa. residues.

SOURCE: E. Coli
 Purity > 98% by HPLC analysis
 Endotoxin < 0.1 ng per ug IL 10

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards.
ED₅₀ was 2 ng/mL as measured by dose dependent co-stimulation (with murine IL 4) of murine MC9 cells.

Range of biologic activity: 0.2 - 20 ng/mL

HANDLING AND STORAGE:

Purified Human IL 10 factor is provided lyophilized. Store lyophilized, at -20° 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° 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