



PRODUCT INFORMATION SUMMARY

Human IL 12

Purified Factor Product Number HC01220 10.0 ug

DESCRIPTION:

Human Interleukin-12 (IL-12) is a regulatory factor produced by activated B lymphocytes and macrophages, which acts to stimulate growth of activated CD4 and CD8 T cells and NK cells. Human IL-12 is a heterodimeric molecule of molecular weight of 70 kDa, with 35 kDa and 40 kDa subunits.

SOURCE: sf21 Insect cells
 Purity > 95% by SDS PAGE
 Endotoxin < 0.1 ng per ug IL 12

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards.
ED₅₀ of 0.1 ng/mL, as determined by dose dependent stimulation of PHA activated human lymphoblast proliferation.

Range of biologic activity: 0.1 - 10 ng/mL

HANDLING AND STORAGE:

Purified Human IL 12 factor is provided lyophilized. Store lyophilized, at -20° C. Can be reconstituted with **distilled water** to a concentration of 500 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