

PRODUCT INFORMATION SUMMARY

Human IL-23

Purified Factor	Product Number	HC511160B	10.0 ug
	Product Number	HC511160A	2.0 ug

DESCRIPTION:

Human Interleukin-23 (IL-23) is a factor which is believed to regulate the inflammatory response. IL-23 is secreted by macrophages and activated dendritic cells and signals via a receptor complex of IL-23R and IL-12R-beta2. This protein induces IL-17 production and stimulates NK cells to produce IFN Gamma. It also is involved in Memory T Cell proliferation. IL-23 protein is composed of two sub-units, p19 and p40. Human IL-23 has molecular weight of 53.5 kDa, with total 476 aa. residues.

SOURCE: High-5 Insect cells and BTI -Tn-5B14 cells
Purity > 95% by HPLC analysis
Endotoxin < 0.1 ng per ug IL-23

BIOLOGICAL ACTIVITY: Demonstrates ability to induce IL-17 secretion by Mouse splenocytes.

HANDLING AND STORAGE:

Purified Human IL-23 factor is provided lyophilized. Store lyophilized, at -20° C. **Reconstitute with distilled or sterile water** to a concentration of 100.0 ug/mL, then dilute in PBS or other buffered solutions **containing 0.1% BSA or other carrier protein**. Store small aliquots at -20 ° C (with **addition of 0.1%BSA**) for long-term storage - up to 3 months, 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