

ANTIGENIX AMERICA, INC.

PRODUCT INFORMATION SUMMARY

Human IL-35

Purified Factor	Product Number	HC41420B	10.0 ug
		HC41420A	2.0 ug

DESCRIPTION:

Human Interleukin-35 (IL-35) is a glycosylated cytokine with a beta subunit from IL-27 (EBI3) and the p35 subunit from IL-12. Believed to act as suppressor of inflammation via Th17 cells. IL-35 expressed macrophages, "tregs" T-cells, and some dendritic cells.

Recombinant Human IL 35 glycoprotein heterodimer is produced in HEK293 cells and seen as a diffuse band on SDS-PAGE with approx. 60 kDa molecular weight. Contains 406 aa. residues with a calculated MW of approx. 46 kDa.

SOURCE: HEK293 cells
Purity > 90% by HPLC analysis
Endotoxin < 0.1 ng per ug IL-34

BIOLOGICAL ACTIVITY: Ability to inhibit proliferation of PBMCs.

HANDLING AND STORAGE:

Purified Human IL-35 factor is provided lyophilized.

Store lyophilized, at -20° C. Can be reconstituted with **sterile or distilled water** to a concentration of approx. 100 ug/mL, then dilute in PBS or other buffered solutions. Store small aliquots, with **addition of 0.1% BSA**, at -20° C for long-term storage up to three 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.

RESEARCH USE ONLY -NOT for DRUG USE

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