

**ANTIGENIX AMERICA Inc**  
**1-800-558-1008**  
**PRODUCT INFORMATION SUMMARY**

**Human IL-31**

Purified Factor	Product Number	HC31002A	2.0 ug
		HC31002B	10.0 ug

**DESCRIPTION:**

Human Interleukin-31 (IL-31) is a cytokine produced by T cells and has similar structural and functional characteristics to IL-6, LIF, Oncostatin M, and Cardiotrophin-1. IL-31 acts via a receptor complex of GP130-like and Oncostatin M receptor molecules. IL-31 is involved in inflammatory skin diseases and immune regulation. Human IL 31 has molecular weight of 15.8 kDa with 141 aa. residues.

**SOURCE:** E. Coli  
Purity > 98% by HPLC analysis  
Endotoxin < 0.1 ng per ug IL31

**BIOLOGICAL ACTIVITY:** currently under testing ( Inquire)

**HANDLING AND STORAGE:**

Purified Human IL 31 factor is provided lyophilized. Store lyophilized, at -20° C. Can be reconstituted with **sterile or 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**