

## PRODUCT INFORMATION SUMMARY

### Murine IL 31

Purified Factor	Product Number	RC444062B	10.0 ug
	Product Number	RC444062A	2.0 ug

#### DESCRIPTION:

Mouse Interleukin-31 (IL-31) is produced primarily from T cells, and is similar in function and structure to IL-6, LIF, Oncostatin -M. IL 31 signals through a receptor complex with multiple pathways. Immune responses regulated by IL-31 include inflammatory skin diseases. Molecular weight of 15.8 kDa, with 140 aa. residues.

**SOURCE:** E. Coli  
Purity > 98% by HPLC analysis  
Endotoxin < 0.1 ng per ug Mouse IL-31

**BIOLOGICAL ACTIVITY:**  
under evaluation

#### HANDLING AND STORAGE:

Purified Murine IL 31 factor is provided lyophilized from PBS. Store lyophilized, at -20° C. Reconstitute with **distilled water** to a concentration of 100 ug/mL, then further dilute in PBS or other buffered solutions (**pH 7.4**). 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**