

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

**Murine IL-1 Alpha**

Purified Factor	Product Number	RC444120B	10 ug
		RC444120A	2 ug

**DESCRIPTION:**

Mouse Interleukin-1 Alpha (IL-1) is a powerful cytokine which is involved in a wide range of immune system modulation and inflammatory response. Murine IL-1 Alpha has molecular weight of 17.9 kDa, and 156 aa. residues.

**SOURCE:**

E. Coli  
Purity > 98% by HPLC analysis  
Endotoxin < 0.1 ng per ug Murine IL-1 Alpha

**BIOLOGICAL ACTIVITY:**

**Fully biologically active when compared to standards.** Specific activity of 0.002 ng/mL, as determined by dose dependent stimulation of murine D10S cells corresponding to specific activity of  $5 \times 10^8$  units/mg. **Range** of biological activity 0.1 - 10 ng/mL.

**HANDLING AND STORAGE:**

Purified Murine IL-1 Alpha factor is provided lyophilized and free of additives. 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 7.2**). 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**