

## PRODUCT INFORMATION SUMMARY

### Murine IL 33

Purified Factor	Product Number	RC444350B	10.0 ug
	Product Number	RC444350A	2.0 ug

#### DESCRIPTION:

Mouse Interleukin-33 (IL-33) is similar in function and structure to IL-1 cytokines, and signals through the IL1RL1/ST2 receptor complex. Immune responses regulated by IL-33 include pro-inflammation, and activation of NF-kappaB, MAP kinases, and production of TH2 cell-related cytokines. Mouse IL-33 has molecular weight of 17.5 kDa, with 158 aa. residues.

**SOURCE:** E. Coli  
Purity > 98% by HPLC analysis  
Endotoxin < 0.1 ng per ug Mouse IL-33

**BIOLOGICAL ACTIVITY:** Half-maximal stimulation of mouse D10S cell proliferation is 0.5 ng/mL with specific activity of  $2.0 \times 10^6$  units/mg.

#### HANDLING AND STORAGE:

Purified Murine IL 33 factor is provided lyophilized from PBS. Store lyophilized, at -20° C. **Spin-down** and then 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, 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**