

## PRODUCT INFORMATION SUMMARY

### Rat IL-3 Beta

Purified Factor	Product Number	RC300222B	20.0 ug
		RC300222A	5.0 ug

#### DESCRIPTION:

Rat Interleukin-3(IL-3) beta, a colony stimulating factor that is species-specific, stimulates colony formation of macrophages, megakaryocytes, and neutrophils. Molecular weight of 16.3 kDa, with 144 aa. residues.

**SOURCE:** E. Coli  
Purity > 98% by HPLC analysis  
Endotoxin < 0.1 ng per ug Rat IL-3

#### BIOLOGICAL ACTIVITY:

**Fully biologically active when compared to standards.**

Produces dose dependent stimulation of murine MC-9 cells using thymidine uptake measurement. Half-maximal dose of 10 ng/mL, corresponding to specific activity of  $1.0 \times 10^5$  units/mg.

#### HANDLING AND STORAGE:

Purified Rat IL-3 Beta factor is provided as sterile-filtered, 5mM Sodium Citrate buffer, pH 4.0, lyophilized. Store lyophilized, at -20° C. Upon reconstitution with distilled (or sterile) water to a concentration of 100 ug/mL, further dilute in PBS or other buffered solutions. Store small aliquots at -20° C for long-term storage, at high concentration.

**Before opening vial to reconstitute,** it is recommended to microcentrifuge vial for 30 seconds - this will help recovery of full contents that may have adhered to surfaces of vial during lyophilization.

#### 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**