

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

Rat IL 10

Purified Factor	Product Number	RC110110B	10.0 ug
		RC110110A	2.0 ug

DESCRIPTION:

Rat Interleukin-10 (IL 10), a cytokine factor which was originally described as Cytokine Synthesis Inhibitory Factor (CSIF), shares 80% sequence homology with the Epstein-Barr Virus protein BCRF1. IL-10 exerts several biological activities, including inhibition of macrophage-mediated cytokine synthesis, stimulation of Th2 cell response, and suppression of delayed-type hypersensitivity. Molecular weight of 18.7 kDa, with 160 aa. residues.

SOURCE:

E. Coli
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug Rat IL 10

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards. Specific activity of 10 ng/mL, as determined by dose dependent inhibition of T cell proliferation. **Range** of biologic activity: 0.2 - 20 ng/mL

HANDLING AND STORAGE:

Purified Rat IL 10 factor is provided lyophilized. Store lyophilized, at -20° C. Upon reconstitution with distilled water to a concentration of 100 ug/mL, 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