

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

Rat IL-4

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|-----------------|----------------|-----------|---------|
| Purified Factor | Product Number | RC400120B | 10.0 ug |
| | | RC400120A | 2.0 ug |

DESCRIPTION:

Rat Interleukin-4 (IL-4), a cytokine produced by T cells, mast cells, and bone marrow stromal cells, IL-4 acts to regulate CD4 T cell differentiation and immunoglobulin class switching involved in allergy (IgE). Molecular weight of 14.0 kDa, with 126 aa. residues.

SOURCE:

E. Coli
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug Rat IL 4

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards. Specific activity of 6.6×10^5 units/mg, as determined by dose dependent stimulation of Con-A Rat spleen cells (< 1.5 ng/mL half maximal).

HANDLING AND STORAGE:

Purified Rat IL-4 factor is provided lyophilized, additive-free. 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