

# ANTIGENIX AMERICA, INC.

## PRODUCT INFORMATION SUMMARY

### Human sol.IL 4 Receptor alpha

Purified Factor	Product Number	HC50021B	15.0 ug
	Product Number	HC50021A	3.0 ug

#### DESCRIPTION:

Human Soluble Interleukin-4 receptor (IL 4 Rec. Alpha) is a extracellular domain of the receptor which acts to bind IL-4 and antagonize its activity. This receptor is involved in CD4 T cell differentiation. Human IL 4 sol receptor alpha corresponds to entire extracellular domain with 209 aa. residues.

**SOURCE:** A293 cells  
Purity > 98% by HPLC analysis  
Endotoxin < 0.1 ng per ug IL 4 Rec.

#### BIOLOGICAL ACTIVITY:

**Fully biologically active when compared to standards.**  
Specific activity of  $2 \times 10^6$  units/mg, as determined by inhibition of IL-4 dependent proliferation of human TF-1 cells at 5.0 ng/mL ( 50% endpoint) in presence of 0.5 ng/mL human IL-4.

#### HANDLING AND STORAGE:

Purified Human IL 4 receptor alpha factor is provided lyophilized. Store lyophilized, at -20° C. Quick-spin prior to 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, **with addition of carrier protein, ie., 0.1% BSA,** for up to 3 months; at high concentration.

**RESEARCH USE ONLY -NOT for DRUG USE**

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