



# Protein Specifications

## RECOMBINANT HUMAN IL-4

<u>Catalog #</u>	<u>Size</u>
RPH-120	5 $\mu$ g
RPH-121	25 $\mu$ g
RPH-122	2x25 $\mu$ g
RPH-123	100 $\mu$ g
RPH-124	2x100 $\mu$ g
RPH-125	5x100 $\mu$ g
RPH-126	10x100 $\mu$ g

### Physical Specifications

Source:	Yeast
Formulation/Reconstitution:	Lyophilized, Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein.
Molecular Weight:	15.0kDa (calculated)
Purity:	>95% (as visualized by SDS-PAGE analysis)
Purification:	Ion-exchange chromatography
Entrez Gene ID:	3565
Amino Acid Sequence:	HKCDITLQEI IKTLSLSTEQ KTLCTELTVT DIFAASKNTT EKETFCAAT VLRQFYSHHE KDTRCLGATA QQFHRHKQLI RFLKRLDRNL WGLAGLNSCP VKEANQSTLE NFLERLKTIM REKYSKCSS (129)

### Bioactivity

In testing.

### Stability and Storage

Stable for up to twelve months from date of receipt at -20°C. Stable for at least 3 months when stored in working aliquots with a carrier protein at -20°C. Avoid repeated freeze/thaw cycles.

### Country of Origin

U.S.A.

### Support

Generation of this material is based upon work supported by the Cooperative State Research, Extension, Education Services (CSREES), USDA under project #0206006 US Veterinary Immune Reagent Network ([www.vetimm.org](http://www.vetimm.org)).

### Warranty

Products are warranted by the manufacturer to meet stated product specifications, conforming to label descriptions when used, and handled and stored according to instructions. Unless otherwise stated, this warranty is limited to one year from date of sale. The manufacturer's sole liability for the product is limited to replacement of the product or refund of the original purchase price. The manufacturer's products are supplied for research applications only. They are not intended for medicinal, diagnostic, or therapeutic use. These products may not be resold, modified for resale, or used to manufacture commercial products without prior written approval from the manufacturer.

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