

## **CERTIFICATE OF ANALYSIS**

## **Product Information**

Product Name:	IL-4, Human
Cat. No.:	Z02925-10; Z02925-50; Z02925-1
Lot No.:	B60071805
Size:	10 μg/vial; 50 μg/vial; 1 mg/vial
Storage Condition:	Lyophilized recombinant human Interleukin 4 (IL-4) remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution, rhIL-4 should be stable up to 1 week at 4°C or up to 2 months at -20°C $_{\circ}$

## **Quality Control**

Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Conformed
Purity (SDS-PAGE)	> 95%	Conformed
Biological Activity	< 0.25ng/ml	Conformed
Molecular Weight	~15 kDa	Conformed
Bacterial Endotoxin	< 0.2 EU/µg	Conformed

## Caution:

For laboratory use only. Not for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Joe Dang Certified by:

Date: 08/20/2018

Protein Products Department