

## CERTIFICATE OF ANALYSIS

### Product Information

---

Product Name: IL-3, Human(CHO-expressed)

Cat. No.: Z02991-10; Z02991-50; Z02991-1

Lot No.: B60031710

Size: 10µg/vial; 50µg/vial; 1mg/vial

Storage Condition: Lyophilized recombinant Human IL-3 remains stable up to 6 months at lower than -70° C from date of receipt. Upon reconstitution, rhIL-3 should be stable up to 1 week at 4° C or up to 3 months at -20° C. For long term storage it is recommended that a carrier protein (example 0.1% BSA) can be added. Avoid repeated freeze-thaw cycles.

---

### Quality Control

Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Conformed
Purity (SDS-PAGE)	> 95%	Conformed
Biological Activity(ED <sub>50</sub> )	< 0.1 ng/ml	Conformed
Molecular Weight	17-30 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.

Certified by: zh.cui Date: 10/16/2017  
Protein Products Department