

CERTIFICATE OF ANALYSIS

Product Information

Product Name: IL-12, Human(HEK 293-expressed)

Cat. No.: Z03023-5; Z03023-25; Z03023-1

Lot No.: B60031504

Size: 5 ug/vial; 25 µg/vial; 1 mg/vial

Storage Condition: Lyophilized recombinant Human Interleukin-12 (IL-12) remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution under sterile conditions, rhIL-12 should be stable up to 1 week at 4°C or up to 2 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&HPLC)	> 95%	Conformed
Biological Activity (ED ₅₀)	< 2 ng/ml	Conformed
Molecular Weight	~75 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: Joe Wang Date: 04/24/2015
Protein Products Department