

CERTIFICATE OF ANALYSIS

Product Information

Product Name: Interleukin-6 (IL-6), Human

Cat. No.: Z03134-10; Z03134-50; Z03134-1

Lot No.: B60011707

Size: 10 µg/vial; 50 µg/vial; 1 mg/vial

Storage Condition: Lyophilized recombinant Human Interleukin-6 (IL-6) remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution, Human Interleukin-6 (IL-6) 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)	> 95%	95.6%
Biological Activity*(ED ₅₀)	< 3 ng/ml	0.52 ng/ml
Molecular Weight	21~23 kDa	Conformed
Bacterial Endotoxin	< 0.2 EU/µg	0.08EU/µg

* ED₅₀ < 3 ng/ml, measured in a cell proliferation assay using TF-1 cells.

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: 07/04/2017

Protein Products Department