

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	IFN- β , Human
Cat. No.:	Z03109-5; Z03109-25
Lot No.:	B60031812
Size:	5 μ g/vial; 25 μ g/vial
Storage Condition:	Lyophilized recombinant Human IFN- β remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution, rhIFN- β 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) 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 ₅₀)	< 0.1 ng/ml	Conformed
Molecular Weight	23 kDa	Conformed
Bacterial Endotoxin	< 0.2 EU/ μ g	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: 12/20/2018

Protein Products Department