

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name: Interleukin-22 (IL-22), Mouse

Cat. No.: Z03350-10; Z03350-50; Z03350-1

Lot No.: B60101410

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

Storage Condition: Lyophilized recombinant Mouse Interleukin-22 (rmIL-22) remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution, rmIL-22 should be stable up to 1 week at 4°C or up to 3 months at -20°C under sterile conditions. 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&HPLC)	> 95%	Conformed
Biological Activity (ED <sub>50</sub> )	< 0.5 ng/ml	Conformed
Molecular Weight	20~30 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: Joe Wang Date: 12/22/2014  
Protein Products Department