

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name: Epidermal Growth Factor (EGF), Human

Cat. No.: Z00333-10;Z00333-50; Z00333-100; Z00333-500; Z00333-1

Lot No.: P50011804

Size: 10 µg/vial; 50 µg/vial;100 µg/vial; 500 µg/vial; 1mg/vial

Storage Condition: Lyophilized recombinant human Epidermal Growth Factor (rhEGF) remains stable up to 18 months at lower than -70°C from date of receipt. Upon reconstitution, rhEGF should be stable up to 4 weeks at 4°C or up to 6 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&HPLC)	> 95%	97.1%
Biological Activity(ED50)	< 0.2 ng/ml	0.015 ng/ml
Molecular Weight	6.2 kDa	Conformed
Bacterial Endotoxin	< 0.2 EU/µg	0.08 EU/µg
First Five N-terminal Amino Acids	Met-Asn-Ser-Asp-Ser	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: 04/01/2018

Protein Products Department