

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name: Epidermal Growth Factor (EGF), Human

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

Lot No.: P50031810

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

Storage Condition: Lyophilized recombinant Human Epidermal Growth Factor (rhEGF) remains stable up to 12 months at lower than -70°C from date of receipt. Upon reconstitution, rhEGF should be stable up to 4 week 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) 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 <sub>50</sub> ) | < 0.2 ng/ml               | Conformed |
| Molecular Weight                       | 6.2 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: zh.cui Date: 11/20/2018  
Protein Products Department