

CERTIFICATE OF ANALYSIS

Product Information

Product Name: Epidermal Growth Factor (EGF), Human

Cat. No.: Z02691-10; Z02691-50; Z02691-1

Lot No.: P50011803

Size: 10 µg/vial; 50 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 1 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%	96.7%
Biological Activity(ED ₅₀)	< 0.2 ng/ml > 5.0 × 10 ⁶ IU/mg	0.065 ng/ml 1.5 × 10 ⁷ IU/mg
Molecular Weight	6.2 kDa	Conformed
Bacterial Endotoxin	< 0.2 EU/µg	0.10 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: zh.cui Date: 03/16/2018
Protein Products Department