



## Certificate of Analysis

## EGF Protein, Human (Solution, HEK293, N-hFc)

Cat. No.: HY-P72982  
Batch No.: 195000  
Species: Human  
Source: HEK293  
Tag: N-hFc  
Accession: NP\_001954.2 (N971-R1023)  
Gene ID: 1950  
Molecular Weight: Approximately 37 kDa

## ANALYTICAL DATA

| TEST                | Specifications   | Results   |
|---------------------|--|-----------|
| Purity              | Greater than 90% as determined by reducing SDS-PAGE  | 95.80%    |
| Endotoxin Level     | <1 EU/μg, determined by LAL method.  | PASS      |
| Biological Activity | Measured in a cell proliferation assay using Balb/C 3T3 mouse embryonic fibroblast cells and the ED <sub>50</sub> is typically 0.3-1.5 ng/mL.  | 0.8 ng/mL |
| Appearance          | Solution.  |           |
| Concentration       | 7.03 mg/mL   |           |
| Reconstitution      | N/A.   |           |
| Storage & Stability | Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles. |           |
| Shipping            | Shipping with dry ice  |           |

**Caution: Product has not been fully validated for medical applications. For research use only.**

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