



# 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA