



Certificate of Analysis

EGF Protein, Rat (Tag Free, Solution)

Cat. No.:	HY-P7092Y
Batch No.:	262545
Species:	Rat
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	P07522 (N974-R1026)
Gene ID:	25313
Molecular Weight:	Approximately 6.3 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in a cell proliferation assay using BALB/c 3T3 mouse fibroblasts. The ED ₅₀ for this effect is typically 0.05-0.3ng/mL.	0.12 ng/mL
Appearance	Solution.	
Concentration	0.67 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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