



Certificate of Analysis

G-CSF Protein, Human (HEK293)

Cat. No.: HY-P73523
 Batch No.: 239642
 Species: Human
 Source: HEK293
 Tag: Tag Free
 Accession: P09919-2/NP_757373.1 (A30-P204)
 Gene ID: 1440
 Molecular Weight: Approximately 17.8 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	97.20%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in a cell proliferation assay using NFS-60 mouse myelogenous leukemia lymphoblast cells and the ED ₅₀ is typically 0.04-0.2 ng/mL.	0.07 ng/mL
Appearance	Solution.	
Concentration	0.23 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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