



Certificate of Analysis

G-CSFR/CD114 Protein, Human (HEK293)

Cat. No.:	HY-P75692
Batch No.:	269051
Species:	Human
Source:	HEK293
Tag:	Tag Free
Accession:	Q99062/NP_000751.1 (E25-P621)
Gene ID:	1441
Molecular Weight:	Approximately 85.36 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.	<1 EU/μg
Biological Activity	Measured by its ability to inhibit the G-CSF-induced proliferation of M-NFS 60 cells. The ED ₅₀ for this effect is 1.299 μg/mL in the presence of 0.125 ng/mL of recombinant human G-CSF, corresponding to a specific activity is 769.82 units/mg.	0.125 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.	
Storage & Stability	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

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

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