



Certificate of Analysis

Animal-Free GM-CSF Protein, Mouse (His)

Cat. No.:	HY-P700180AF
Batch No.:	260867
Species:	Mouse
Source:	<i>E. coli</i>
Tag:	N-His
Accession:	Q14AD9 (A18-K141)
Gene ID:	12981
Molecular Weight:	Approximately 15.1 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<0.1 EU per 1 µg of the protein by the LAL method.	<0.1 EU/µg
Biological Activity	Measure by its ability to induce proliferation in FDC-P1 cells. The ED ₅₀ for this effect is <50 pg/mL. The specific activity of recombinant mouse GM-CSF is approximately >2x10 ⁵ IU/mg.	<50 pg/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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

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