



Certificate of Analysis

GM-CSF R alpha Protein, Human (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P78110
Batch No.:	391206
Species:	Human
Source:	HEK293
Tag:	C-His;C-Avi
Accession:	P15509 (E23-G320)
Gene ID:	1438
Molecular Weight:	55-70 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Anti-GM-CSF R alpha Antibody, hFc Tag at 1 μg/mL (100 μl/well) on the plate. Dose response curve for Biotinylated Human GM-CSF R alpha, His Tag with the EC ₅₀ of ≤12 ng/mL determined by ELISA.	11.6 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 for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). 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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