



# Certificate of Analysis

## GM-CSF Protein, Mouse (HEK293, Fc)

Cat. No.:	HY-P73082
Batch No.:	283689
Species:	Mouse
Source:	HEK293
Tag:	N-hFc
Accession:	P01587 (A18-K141)
Gene ID:	12981
Molecular Weight:	45-60 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 Mouse GM-CSF R alpha, His Tag at 0.5 μg/mL (100 μl/well) on the plate. Dose response curve for Mouse GM-CSF, hFc Tag with the EC <sub>50</sub> of <2.8 ng/mL determined by ELISA.	2.5 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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. 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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