



Certificate of Analysis

C-MPL Protein, Human (HEK293, His)

Cat. No.:	HY-P78002
Batch No.:	241464
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	P40238 (Q26-W491)
Gene ID:	4352
Molecular Weight:	68-70 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	Measured by its binding ability in a functional ELISA. When immobilized Human c-MPL, His Tag at 0.2 μg/mL, can bind Anti-c-MPL Antibody, hFc Tag with the EC ₅₀ of 14.3 ng/mL.	14.3 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. 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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