



Certificate of Analysis

IgG1 Protein, Human (C103S, HEK293)

Cat. No.:	HY-P73143
Batch No.:	277440
Species:	Human
Source:	HEK293
Tag:	Tag Free
Accession:	P01857 (E99-K330, C103S)
Gene ID:	3500
Molecular Weight:	approximately 34 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.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. 2 μg/mL (100 μL/well) of immobilized Human IgG Fc can bind Biotinylated Human CD64 with the ED ₅₀ value of 2.92 ng/mL.	2.92 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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