



Certificate of Analysis

Complement C5/C5a Protein, Human (HEK293, His)

Cat. No.:	HY-P700862
Batch No.:	287295
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	P01031-1 (Q19-C1676)
Gene ID:	727
Molecular Weight:	110-114 kDa (α chain) & 69-73 kDa (β chain)

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 Human Complement C5, His Tag at 1 μg/mL (100 μl/well) on the plate. Dose response curve for Anti-Complement C5 Antibody, hFc Tag with the EC ₅₀ of ≤21.4 ng/mL determined by ELISA.	15.4 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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