



Certificate of Analysis

Serpin G1 Protein, Human (500a.a, HEK293, His)

Cat. No.:	HY-P73526
Batch No.:	283449
Species:	Human
Source:	HEK293
Tag:	C-10*His
Accession:	P05155/NP_000053.2 (N23-A500)
Gene ID:	710
Molecular Weight:	Approximately 110 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 ability to inhibit Recombinant Human Complement Component C1s cleavage of a colorimetric peptide substrate, N-carbobenzyloxy-Lys-ThioBenzyl ester (Z-K-SBzl). The IC ₅₀ is 10.393 nM, as measured under the described conditions.	10.393 nM
Appearance	Solution	
Concentration	0.146 mg/mL	
Reconstitution	N/A	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

Caution: Product has not been fully validated for medical applications. For research use only.

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