



Certificate of Analysis

SARS-CoV-2 S glycoprotein (HEK293, His, Flag)

Cat. No.:	HY-P72035
Batch No.:	119396
Species:	Virus
Source:	HEK293
Tag:	N-10*His;C-Flag
Accession:	P0DTC2 (V16-R685)
Gene ID:	43740568
Molecular Weight:	Approximately 120 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	90.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV-2-S at 2 μg/mL can bind human ACE2, the EC ₅₀ of SARS-CoV-2-S protein is 56.64 - 103.6 ng/mL.	57.10 - 82.19 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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