



Certificate of Analysis

SARS-CoV S Protein (HEK293, His-Myc)

Cat. No.:	HY-P72045
Batch No.:	144871
Species:	Virus
Source:	HEK293
Tag:	N-10*His;C-Myc
Accession:	P59594 (R306-F527)
Gene ID:	1489668
Molecular Weight:	Approximately 37 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	98.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV S-RBD at 2 μg/mL can bind Paguma larvata ACE2, the EC50 is 33.37-79.47 ng/mL.	PASS
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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