



# Certificate of Analysis

## SARS-COV-2 S Trimer Protein (HEK293, Fc)

Cat. No.:	HY-P78282
Batch No.:	325701
Species:	Virus
Source:	HEK293
Tag:	C-hFc
Accession:	QHD43416 (V16-E1188)
Gene ID:	43740568
Molecular Weight:	230-250 kDa

### 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 ACE2 at 5 μg/mL (100 μl/Well). Dose response curve for SARS-COV-2 Spike S (Trimer) , hFc Tag with the EC <sub>50</sub> of ≤ 0.9 μg/mL determined by ELISA.	0.22 μg/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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 (with carrier protein). 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA