



Certificate of Analysis

SARS-CoV-2 S1 Protein (Delta, B.1.617.2, His)

Cat. No.:	HY-P702588
Batch No.:	366397
Species:	Virus
Source:	HEK293
Tag:	C-10*His
Accession:	YP_009724390.1 (V16-R685 with mutations T19R, G142D, E156G, 157-158 deletion, L452R, T478K, D614G, P681R)
Gene ID:	43740568
Molecular Weight:	Approximately 95 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90 % as determined by reducing SDS-PAGE.	91.50%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized ACE2 Protein, Human, Recombinant (mFc Tag) at 2 μg/mL (100 μL/well) can bind SARS-CoV-2 S1 Protein (Delta, B.1.617.2, His), the EC ₅₀ is 30-180 ng/mL.	PASS
Appearance	Solution	
Concentration	1.29 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.

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