
Recombinant SARS-Cov-2 Spike S1 protein (N501Y), His (HEK293)

Catalog Number: bs-46012P

Concentration: >0.5 mg/ml

AA Seq: 16-1188/1273

Predicted MW: 129

Detected MW: 120-140 kDa

Tags: His

Activity: Yes

Endotoxin: Not analyzed

Purity: >95% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: Lyophilized from 0.22um filtered solution in PBS (pH7.4). Normally 5% trehalose is added as protectant before lyophilization.

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: The SARS-CoV-2 spike (S) protein is the target of vaccine design efforts to end the COVID-19 pandemic. Despite a low mutation rate, isolates with the D614G substitution in the S protein appeared early during the pandemic, and are now the dominant form worldwide. Here, we analyze the D614G mutation in the context of a soluble S ectodomain construct.