

Recombinant SARS-Cov-2 Spike S1 protein (T19R, G142D, del157/158, L452R, T478K, D614G, P681R), His (HEK293)

Catalog Number: bs-43049P

Concentration: >0.5 mg/ml

AA Seq: 14-685/1273

Predicted MW: 73

Detected MW: 110-130 kDa

Tags: His

Activity: Yes

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

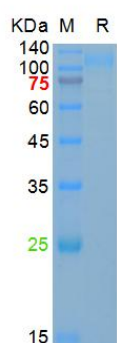
Form: Lyophilized or Liquid

Storage: PBS (pH7.4).

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.

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.

PRODUCT SPECIFIC PUBLICATIONS

[IF=15.1] Feiyun Cui. et al. GlycoEVL: Glycosylated extracellular vesicle-like receptors for targeting and sensing viral antigen. CHEM ENG J. 2023 Aug;469:143844 Other ; . 10.1016/j.cej.2023.143844