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## **Recombinant SARS-Cov-2 Spike S1 protein (D80A, D215G, del241/243, K417N, E484K, N501Y, D614G), His (HEK293)**

Catalog Number: bs-43041P

Concentration: >0.5 mg/ml

AA Seq: 14-685/1273

Predicted MW: 77

Detected MW: 140 kDa

Tags: His

Activity: Not tested

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

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

### PRODUCT SPECIFIC PUBLICATIONS

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**[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