

## Recombinant SARS-Cov-2 (Omicron, B.1.1.529) N protein (P13L, E31del, R32del, S33del, R203K, G204R), N-His

Catalog Number: bs-41494P

Concentration: >0.5 mg/ml

AA Seq: 1-419/419

Predicted MW: 45.3

Detected MW: 50 kDa

Tags: N-His

Activity: Not tested

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: 10mM PB (pH7.4) with 50mM NaCl.

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.



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### PRODUCT SPECIFIC PUBLICATIONS

**[IF=16]** Yaqi Huang. et al. Single-Protein Determinations by Magnetofluorescent Qubit Imaging with Artificial-Intelligence Augmentation at the Point-Of-Care. ACS NANO. 2025;XXXX(XXX):XXX-XXX ; . 40388114