

## Certificate of Analysis

**Name:** SARS-CoV-2 (N501Y Mutant) Spike Glycoprotein (S1) RBD, His-Tag (HEK293)

**Product Code:** REC31946-100 / REC31946-500

**Batch #:**

**Date of Manufacture:**

**Product Description:** SARS-CoV-2 Spike S1 RBD (AA1-223), carrying the N501Y amino acid change.

This change is present in all three major global SARS-CoV-2 variants: B.1.1.7, B.1.1.28 and B.1.351. The protein was produced in HEK293 cells and purified from culture supernatant.

**Expression System:** HEK293

**Accession:** 6XDG\_E (N501Y)

**Strain/Isolate:** B.1.1.7

**Amino Acids:** 1-223

**Tag:** His-tag, C-terminus

**Expected Molecular Weight:** 27 kDa

**Observed Molecular Weight:** 30 kDa

**Amount:** 0.1 mg / 0.5 mg

**Concentration:** mg/ml

**Purity:** >95%

**Presentation:** Liquid

**Buffer:** DPBS

### Usage Guidelines

**Short Term Storage:** -80°C

**Long Term Storage:** -80°C

**Stability:** Not determined

**Freezing:** Can be frozen

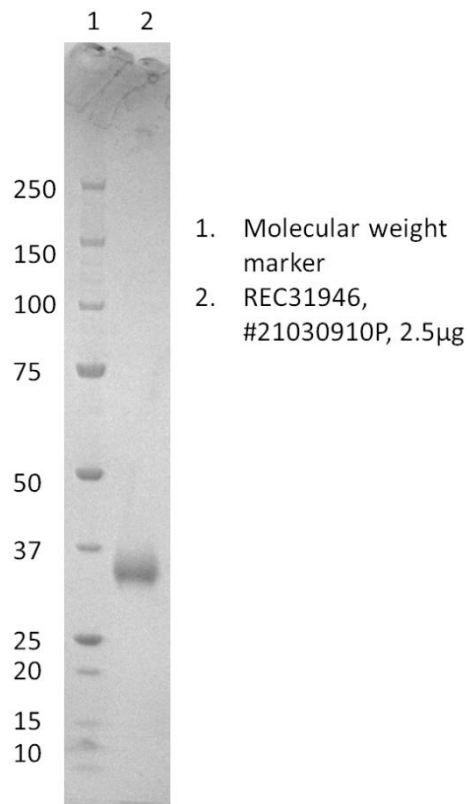
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**SDS-PAGE:** Representative Coomassie-stained reducing SDS-PAGE showing purified SARS-CoV-2 (N501Y Mutant) Spike Glycoprotein (S1) RBD.



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**Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.**

