

## Certificate of Analysis

**Name:** SARS-CoV-2 (B.1.1.7: E484K) Stabilized Spike Glycoprotein (Full-Length), His-Strep-Tag (HEK293)

**Product Code:** REC31943-100 / REC31943-500

**Batch #:**

**Date of Manufacture:**

**Product Description:** Pre-fusion stabilized SARS-CoV-2 Spike protein of the 'New Kent'; variant B.1.1.7 containing amino acid change E484K in addition to 69-70del, Y144del, N501Y, A570D, P681H, T716I, S982A, D1118H). The protein was produced in HEK293 cells and purified from culture supernatant. The protein was stabilized using HexaPro, as described in Hsieh, Goldsmith et al. 2020.

**Expression System:** HEK293

**Accession:** 6XKL\_A (containing mentioned amino acid changes)

**Strain/Isolate:** B.1.1.7 + E484K

**Amino Acids:** 1-1239

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

**Expected Molecular Weight:** 139 kDa

**Observed Molecular Weight:** 180 kDa

**Amount:** 0.1 mg / 0.5 mg

**Concentration:** mg/ml

**Purity:** >90%

**Presentation:** Liquid

**Buffer:** DPBS

### Usage Guidelines

**Short Term Storage:** -80°C

**Long Term Storage:** -80°C

**Stability:** Not determined

**Freezing:** Can be frozen



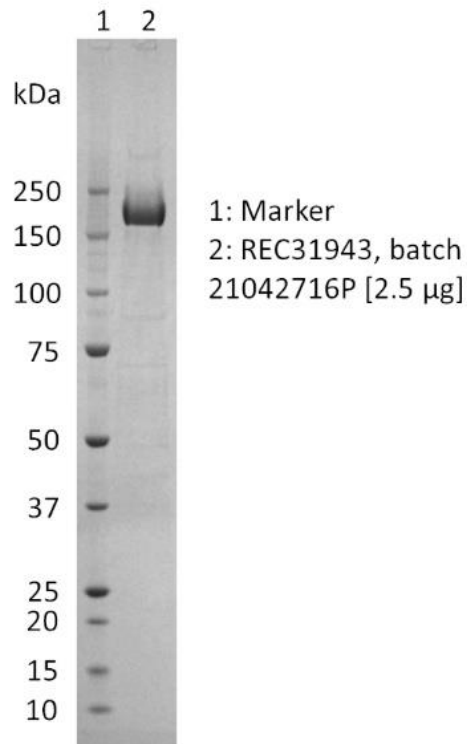
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**SDS-PAGE:** Representative Coomassie-stained reducing SDS-PAGE showing purified SARS-CoV-2 full-length stabilized Spike.



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

