

## Certificate of Analysis

**Name:** SARS-CoV-2 (B.1.1.28: K417T, E484K, N501Y) Spike Glycoprotein (S1) RBD, His-Tag (HEK293):  
Biotin Conjugate

**Product Code:** REC31961-Biotin-100

**Batch #:**

**Date of Manufacture:**

**Product Description:** SARS-CoV-2 Spike protein receptor binding domain of the Brazilian variant of concern. Relative to Wuhan-Hu-1 contains following amino acid changes: K417T, E484K, N501Y. Protein is conjugated to biotin.

**Expression System:** HEK293

**Accession:** 6XDG\_E (with amino acid changes mentioned above)

**Strain/Isolate:** B.1.1.28

**Amino Acids:** 1-223

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

**Expected Molecular Weight (Unconjugated):** 26.5 kDa

**Observed Molecular Weight (Unconjugated):** 32 kDa

**Amount:** 0.1 mg

**Concentration:** mg/ml

**Purity:** >95%

**Presentation:** Liquid

**Buffer:** PBS+20mM Tris, 1%BSA, trace amounts of ANS and CaCl<sub>2</sub> and 0.1% Proclin 950

### Usage Guidelines

**Short Term Storage:** -80°C

**Long Term Storage:** -80°C

**Stability:** Not determined

**Freezing:** Can be frozen

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QC

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QA

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