

Certificate of Analysis

Name: SARS-CoV-2 (B.1.351) Stabilized Spike Glycoprotein (Trimeric), His-Strep-Tag (HEK293): Biotin Conjugate

Product Code: REC31963-Biotin-100

Batch #:

Date of Manufacture:

Product Description: SARS-CoV-2 Spike protein, South African variant of concern. Relative to Wuhan-Hu-1 contains following amino acid changes: L18F, D80A, D215G, del242-244, K417N, E484K, N501Y, D614G, A701V. The protein contains six proline amino acid changes (commonly known as Hexapro) to stabilize it in a trimeric pre-fusion state. The furin cleavage site has been altered to 'SRAS' and deactivated. Protein is conjugated to biotin.

Expression System: HEK293

Accession: QRI43207.1 (excluding furin cleavage site and HexaPro changes)

Strain/Isolate: B.1.351

Amino Acids: 16-1205

Tag: His-2xStrep-tag, C-terminus

Expected Molecular Weight (Unconjugated): 140 kDa

Observed Molecular Weight (Unconjugated): 180 kDa

Amount: 0.1 mg

Concentration: mg/ml

Purity: >95%

Presentation: Liquid

Buffer: PBS+20mM Tris, 1%BSA, trace amounts of ANS and CaCl₂ and 0.1% Proclin 950

Usage Guidelines

Short Term Storage: -80°C

Long Term Storage: -80°C

Stability: Not determined

Freezing: Can be frozen



X

QC

X

QA

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