

Certificate of Analysis

Name: SARS-CoV-2 (501.V2) Stabilized Spike Glycoprotein (Full-Length), His-Strep-Tag (HEK293): Biotin Conjugate

Product Code: REC31926-Biotin-100

Batch #:

Date of Manufacture:

Product Description: SARS-CoV-2 HexaPro stabilized Spike glycoprotein containing amino acid changes in accordance with variant 501.V2 ("South African variant"): D80A, D215G, K417N, E484K, N501Y, A701V relative to Wuhan-Hu-1. This protein has the polybasic furin cleavage site "RRAR" changed to "SRAS" to prevent furin cleavage of the target protein. The protein also contains 6 amino acid changes to proline and a C-terminal T4 fibrin trimerization domain to stabilize the protein in its pre-fusion conformation as described in Hsieh, Goldsmith et al. 2020. Protein is conjugated to biotin.

Expression System: HEK293

Strain/Isolate: 501.V2

Amino Acids: 1-1205

Tag: His-tag, 2 x Strep-tag, C-Terminus

Expected Molecular Weight (Unconjugated): 139 kDa

Observed Molecular Weight (Unconjugated): 180 kDa

Amount: 0.1mg

Concentration: mg/ml

Purity: >90%

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

Freezing: Avoid multiple freeze/thaw cycles



X

QC

X

QA

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