

Certificate of Analysis

Name: SARS-CoV-2 (B.1.1.529/Omicron) Stabilized Spike Glycoprotein (Trimeric), His-Strep-Tag
(HEK293): Biotin Conjugate

Product Code: REC32008-Biotin-100 / REC32008-Biotin-500

Batch #:

Date of Manufacture:

Product Description: Recombinant SARS-CoV-2 Omicron variant Spike protein. Relative to Wuhan-Hu-1 the protein has following amino acid changes: A67V, H69del, V70del, T95I, G142D, V143del, Y144del, Y145del, N211del, L212I, ins214EPE, G339D, S371L, S373P, S375F, K417N, N440K, G446S, S477N, T478K, E484A, Q493R, G496S, Q498R, N501Y, Y505H, T547K, D614G, H655Y, N679K, P681H, N764K, D796Y, N856K, Q954H, N969K, L981F. The furin cleavage site has been altered to GSAS, and the protein has 6 amino acid changes in the S2 portion to stabilize trimer formation, commonly known as HexaPro. The C-terminus contains a T4 foldon domain. Protein is biotinylated.

Expression System: HEK293

Accession: GISAID EPI_ISL_6795838

Strain/Isolate: B.1.1.529

Amino Acids: 16-1190

Tag: His-Strep, C-terminus

Expected Molecular Weight (unconjugated): 140 kDa

Observed Molecular Weight (unconjugated): 180 kDa

Amount: 0.1 mg / 0.5 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, but 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.