

Certificate of Analysis

Name: SARS-CoV-2 (B.1.1.529/Omicron) Spike Glycoprotein (S1), Sheep Fc-Tag (HEK293)

Product Code: REC32006-100 / REC32006-500

Batch #: 21121814P

Date of Manufacture: 18-DEC-2021

Product Description: Recombinant SARS-CoV-2 (Omicron variant) Spike glycoprotein S1. Relative to Wuhan-Hu-1 the protein contains 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.

Expression System: HEK293

Accession: GISAID EPI_ISL_6795838

Strain/Isolate: B.1.1.529

Amino Acids: 16-671

Tag: Sheep Fc-tag, C-terminus

Expected Molecular Weight: 101 kDa

Observed Molecular Weight: 140 kDa

Amount: 0.1 mg / 0.5 mg

Concentration: 0.80 mg/ml

Purity: >95%

Presentation: Liquid

Buffer: Dulbecco's phosphate buffered saline (DPBS) pH7.4

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.



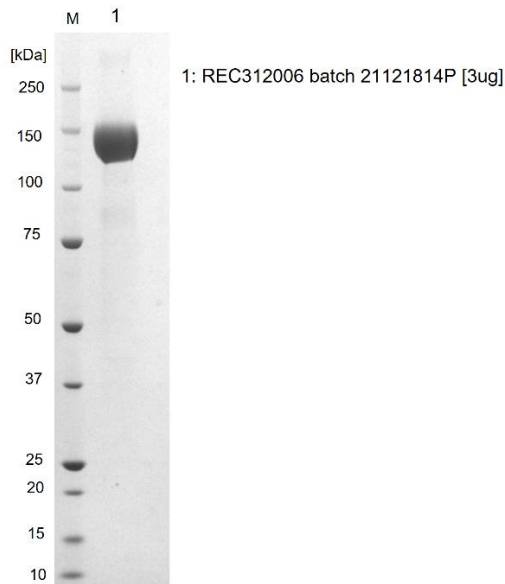
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SDS-PAGE: Representative Coomassie-stained reducing SDS-PAGE showing purified SARS-CoV-2 (B.1.1.529/Omicron) Spike subunit S1.



12/19/2021

X

QC

Signed by: Holger Hannemann

19/12/2021

X

QA

Signed by: Nicholas Roesen

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

