



Product Datasheet

SARS-CoV-2 (2019-nCoV) Spike Protein S1/S2 (S-ECD) (R682G, R683S, R685S, K986P, V987P), His and Strep tag, active trimer

Product Name: SARS-CoV-2 (2019-nCoV) Spike Protein S1/S2 (S-ECD) (R682G, R683S, R685S, K986P, V987P), His and Strep tag, active trimer

Synonym: S protein, Spike glycoprotein, S glycoprotein, S1 + S2 ECD protein, S-ECD protein, 2019-nCoV spike protein

Nature: Recombinant

Source: Silkworm

Accession No.: QHD43416
It contains AA Val16 –Q1208 (R682G, R683S, R685S, K986P, V987P) trimer design. Predicted N-terminus: Val 16

Tested Applications: SDS-PAGE, ELISA

Form: Liquid

Purity: >90% pure by SDS-PAGE

Endotoxin: No data

Storage: Store at -80°C. Avoid freeze / thaw cycle.

Molecular Weight: 14.1 kDa (Calculated MW)
The protein migrates as 160-230 kDa under reducing condition (SDS-PAGE) due to glycosylation.

Buffer: Phosphate Buffered Saline, pH 7.4

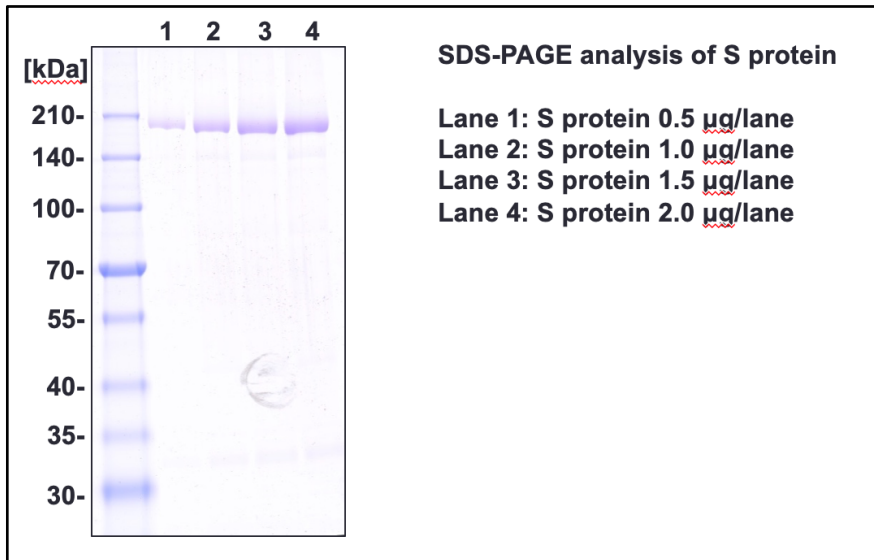
Concentration: 0.5 mg/mL (DC protein assay) (lot specific)

Note: FOR RESEARCH USE ONLY. Not for human consumption, cosmetic, therapeutic for diagnostic use.

Certificate of Analysis

Product name: SARS-CoV-2 (2019-nCoV) Spike Protein S1/S2 (S-ECD)
(R682G, R683S, R685S, K986P, V987P), His and Strep tag,
active trimer
Catalog No.: KR-E030
Lot No.: 200707

Purity



Quantification Assay

The protein quantification was conducted using bovine serum albumin (BSA) as the standard.

Approved by Hirokazu Nakatake Date: July 7, 2020