

Recombinant COVID-19 Spike S1+S2 (T95I, G142D, E154K, L452R, E484Q, D614G, P681R, Q1071H) protein, His&Avi-tagged, Biotinylated

Cat. No. Spike-0426V Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant COVID-19 Spike S1+S2 (T95I, G142D, E154K, L452R, E484Q, D614G, P681R, Q1071H) protein(Met1-Pro1213)(YP_009724390.1), fused with His&Avi tag, was expressed in Insect Cells.
Species	Sars-CoV-2
Source	Insect Cells
ProteinLength	Met1-Pro1213
Form	Lyophilized from sterile 20mM Tris, 300mM NaCl, 10% glycerol, pH 8.0. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant SARS-CoV-2 Spike S1+S2 consists of 1224 amino acids and predicts a molecular mass of 136.32 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Conjugation

Biotin

GENE INFORMATION

Gene Name

S surface glycoprotein [Severe acute respiratory syndrome coronavirus 2]

Official Symbol

S

Synonyms

Spike; S1 protein; Spike glycoprotein Subunit1; S glycoprotein Subunit1; Spike protein S1; COVID-19

Gene ID

43740568

Protein Refseq

YP_009724390.1

UniProt ID

P0DTC2

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