

Recombinant COVID-19 Spike S1 protein(Met1-Ser305), His&Avi-tagged, Biotinylated

Cat. No. Spike-1220V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant COVID-19 Spike S1 NTD (YP_009724390.1) (Met1-Ser305) was expressed in HEK293 with a C-terminal polyhistidine tag followed by an AVI tag. The purified protein was biotinylated in vitro.
Species	Sars-CoV-2
Source	HEK293
ProteinLength	Met1-Ser305
Conjugation/Label	Biotin
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant SARS-CoV-2 (2019-nCoV) Spike S1 NTD consists of 314 amino acids and predicts a molecular mass of 35.89 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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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

Spike

Synonyms

Spike; S1 protein; Spike glycoprotein Subunit1; S glycoprotein Subunit1; Spike protein S1

Gene ID

43740568

Protein Refseq

YP_009724390.1

UniProt ID

P0DTC2

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