Recombinant COVID-19 Spike NTD protein, His-Avi-tagged

Cat. No. Spike-10V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant COVID-19 Spike NTD protein(YP_009724390.1) (Met1-Ser305) was expressed in HEK293, fused with a C-terminal polyhistidine tag followed by an AVI tag.
Species	Sars-CoV-2
Source	HEK293
ProteinLength	Met1-Ser305
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 be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

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 Omicron
Gene ID	43740568
Protein Refseq	YP_009724390.1
UniProt ID	P0DTC2

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