Recombinant COVID-19 Spike protein N-terminal Domain (NTD) S1 Subunit, His-tagged

Cat. No. Spike-218V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant COVID-19 Spike protein N-terminal Domain (NTD) S1 Subunit was fused to His-tag and expressed in Insect cells.
Species	Sars-CoV-2
Source	Insect Cells
Description	It's been reported that Coronavirus can infect the human respiratory epithelial cells through interaction with the human ACE2 receptor. The spike protein is a large type I transmembrane protein containing two subunits, S1 and S2. S1 mainly contains a receptor binding domain (RBD), which is responsible for recognizing the cell surface receptor. S2 contains basic elements needed for the membrane fusion.The S protein plays key parts in the induction of neutralizing-antibody and T-cell responses, as well as protective immunity.
Form	PBS, pH7.4.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>80%
Storage	Store it at 4 ºC for short time. For long term storage, store it at -20ºC to -80ºC.
Warning	For Research Use Only.

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GENE INFORMATION

Gene Name	S
Official Symbol	S
Synonyms	spike glycoprotein
Gene ID	43740568
Protein Refseq	YP_009724390.1
UniProt ID	P0DTC2

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