

# Recombinant SARS-COV-2 Spike S1 NTD Protein

Catalog No.: RP02323 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
SARS-COV-2	43740568	QHD43416.1

### Tags

C-His&Flag

### Synonyms

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

## Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE;> 95% by SEC-HPLC

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 μm filtered  
solution of PBS, pH 7.4.

### Reconstitution

Centrifuge the tube before opening.  
Reconstitute to a concentration of  
0.1-0.5 mg/mL in sterile distilled water.  
Avoid vortex or vigorously pipetting the  
protein. For long term storage, it is  
recommended to add a carrier protein or  
stabilizer (e.g. 0.1% BSA, 5% HSA, 10%  
FBS or 5% Trehalose), and aliquot the  
reconstituted protein solution to  
minimize free-thaw cycles.

## Contact

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## Background

### Basic Information

#### Description

Recombinant SARS-COV-2 Spike S1 NTD Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Ser13-Lys304) of SARS-COV-2 Spike S1 NTD fused with a His tag and flag tag at the C-terminal.

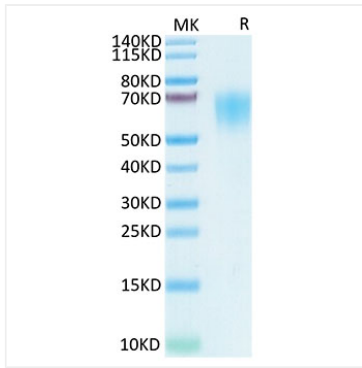
#### Bio-Activity

#### Storage

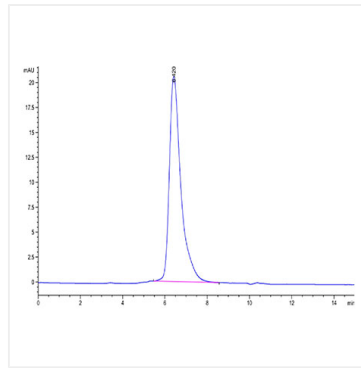
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.  
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.  
Avoid repeated freeze/thaw cycles.

## Validation Data

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SARS-COV-2 Spike S1 NTD on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of SARS-COV-2 Spike S1 NTD is greater than 95% as determined by SEC-HPLC.