Recombinant SARS-COV-2 Spike S1 NTD Protein

Catalog No.: RP02323

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Sequence Information

Species
SARS-COV-2

Gene ID
43740568

Swiss Prot
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
HEK293 cells

Purification
≥ 95 % as determined by Tris-Bis PAGE;≥ 95 % as determined by HPLC.

Calculated MW
35 kDa

Observed MW
55-70 kDa

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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

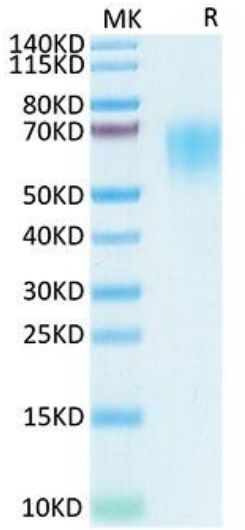
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

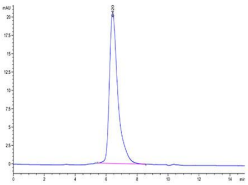
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Validation Data



Recombinant SARS-COV-2 Spike S1 NTD Protein was determined by Tris-Bis PAGE under reducing conditions.



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

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