

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

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

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

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.

Operational Notes

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

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.

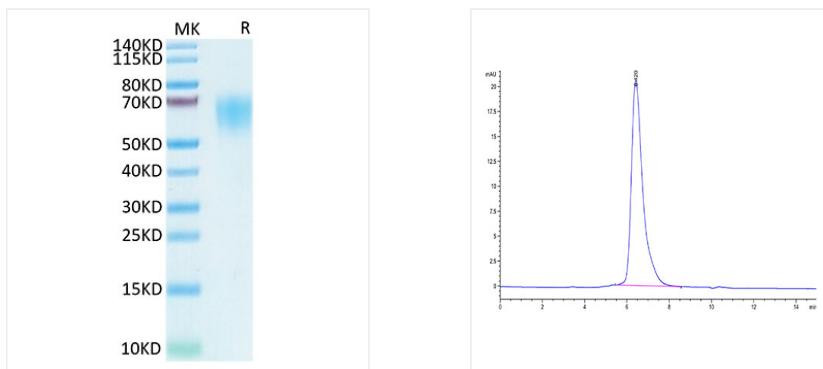
Reconstitution

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
 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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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.