

RP02322

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Recombinant SARS-COV-2 Spike S1 (N501Y,K417N,E484K) Protein

Catalog No.: RP02322

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	43740568	YP_009724390.1

Tags

C-His

Synonyms

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

Product Information

Source

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.

Purification

≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by 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

Background

Basic Information

Description

Recombinant SARS-COV-2 Spike S1 (N501Y, K417N,E484K) Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Val16-Arg685(N501Y,K417N,E484K)) of SARS-COV-2 Spike S1(N501Y, K417N,E484K) fused with His tag at the C-terminal.

Bio-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.

Operational Notes

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

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

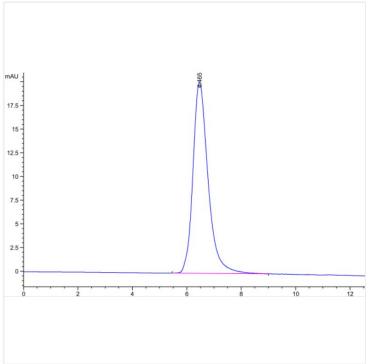
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Contact

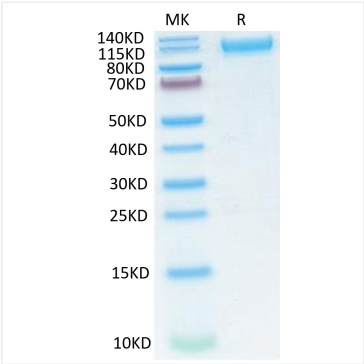


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Validation Data



The purity of SARS-COV-2 Spike S1 (N501Y,K417N,E484K) is greater than 95% as determined by SEC-HPLC.



Recombinant SARS-COV-2 Spike S1 (N501Y,K417N,E484K) Protein was determined by Tris-Bis PAGE under reducing conditions.