

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

Catalog No.: RP02322

Sequence Information

Species **Gene ID**
SARS-COV-2 43740568

Swiss Prot **Tags**
YP_009724390.1 C-His

Synonyms

S1 protein, Spike glycoprotein
Subunit1, S glycoprotein Subunit1,
Spike protein S1

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as
determined by
Tris-Bis PAGE; ≥
95 % as
determined by
HPLC.

Calculated MW **Observed MW**
75.9 kDa 90-130 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.

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.

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°C

Operational Notes

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

Contact

☎ | 400-999-6126

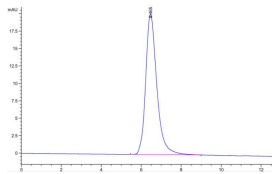
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Validation Data



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



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