Biotinylated Recombinant SARS-CoV Spike S1 Protein

Catalog No.: RP02485

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Sequence Information

Species	Gene ID
SARS-CoV	1489668
Swiss Prot	**Tags**
P59594	C-hFc&Avi

Synonyms
Spike,Spike RBD,Spike S1

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by Tris-Bis PAGE;≥ 95 % as determined by HPLC.
Calculated MW	**Observed MW**
100.6 kDa	120-140 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
Biotinylated Recombinant SARS SARS Spike S1 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Ser14-Arg667) of SARS SARS Spike S1 fused with a hFc tag and Avi 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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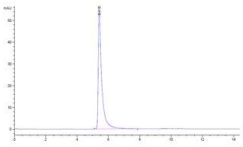
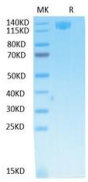
For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



The purity of biotinylated Recombinant SARS spike S1 is greater than 95% as determined by SEC-HPLC.



Biotinylated Recombinant SARS-CoV Spike S1 Protein was determined by Tris-Bis PAGE under reducing conditions.