

RP02482

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# Recombinant SARS-CoV Spike S1 Protein

Catalog No.: RP02482

Recombinant

## Sequence Information

| Species  | Gene ID | Swiss Prot |
|----------|---------|------------|
| SARS-CoV | 1489668 | P59594     |

### Tags

C-His&Avi

### Synonyms

Spike;Spike RBD;Spike S1

## Product Information

| Source       | Purification                             |
|--------------|--|
| HEK293 cells | > 95% by Tris-Bis PAGE;> 95% by SEC-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

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 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 His tag and Avi tag at the C-terminal.

### Bio-Activity

### Storage

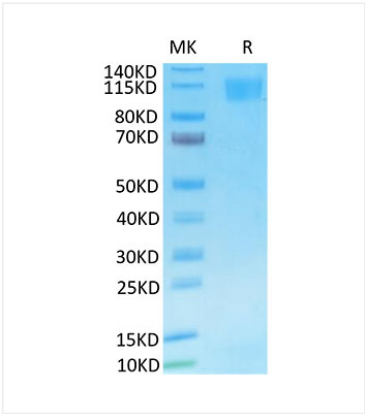
Store the lyophilized protein at -20°C to -80°C for long term.<br/>After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

## Contact

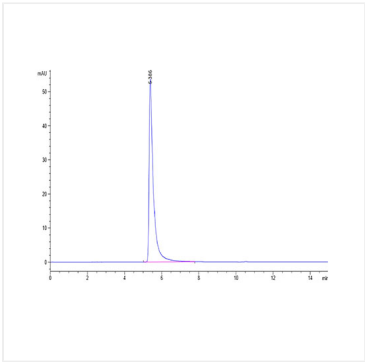


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Validation Data



SARS Spike S1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



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