

RP01267

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# Recombinant SARS-CoV-2 Spike S2 ECD Protein

Catalog No.: RP01267

Recombinant

1 Publications

## Sequence Information

### Species Gene ID Swiss Prot

Baculovirus- 43740568  
Infected Sf9  
Cells

### Tags

C-His

### Synonyms

Envelope;SARS-CoV-2 Spike RBD  
(N501Y);Spike;Spike ECD;Spike  
RBD;Spike S1;Spike S2;Spike S2  
ECD;S1-RBD protein;NCP-CoV RBD  
Protein;novel coronavirus RBD  
Protein;2019-nCoV RBD Protein;S  
glycoprotein Subunit1 RBD Protein

## Product Information

### Source

Baculovirus-  
Infected Sf9 Cells

### Purification

> 90% by SDS-  
PAGE.

### Endotoxin

< 1.0 EU/μg of the protein by LAL  
method.

### Formulation

Lyophilized from a 0.22 μm filtered  
solution of sterile 20 mM PB, 300 mM  
NaCl, pH 7.0. or Supplied as a 0.22 μm  
filtered solution in 20 mM PB, 300 mM  
NaCl, pH 7.0Contact us for customized  
product form or formulation.

### Reconstitution

Centrifuge the vial 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(2019-nCoV) Spike S2 ECD Protein is produced by  
Baculovirus-Insect Cells expression system. The target protein is expressed with  
sequence (Ser686-Pro1213) of SARS-COV-2(2019-nCoV) Spike S2 ECD (Accession  
#YP\_009724390.1) fused with a His tag at the C-terminus.


#### Bio-Activity

#### Storage

Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from  
the date of receipt. <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

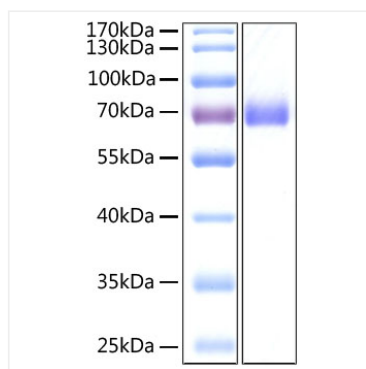
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 [www.abclonal.com](http://www.abclonal.com)

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## Validation Data

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Recombinant SARS-CoV-2 Spike S2 ECD Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 70 kDa.