

# Recombinant SARS Spike S1 protein, His-Avi-tagged

**Cat. No.** Spike-2747V    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant SARS Spike S1 protein(P59594)(Ser14-Arg667), fused with C-terminal His and Avi tag, was expressed in HEK293.                 |
| <b>Species</b>          | SARS                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                   |
| <b>ProteinLength</b>    | Ser14-Arg667                                                                                                                             |
| <b>Tag</b>              | C-His-Avi                                                                                                                                |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.           |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 75.9 kDa. Due to glycosylation, the protein migrates to 100-120 kDa based on Tris-Bis PAGE result.     |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.                                                                                                  |
| <b>Purity</b>           | > 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC                                                                         |
| <b>Storage</b>          | Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | Centrifuge tubes before opening. Reconstituting to a concentration more than 100                                                         |

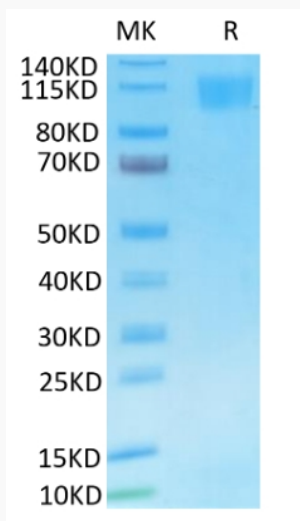
 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

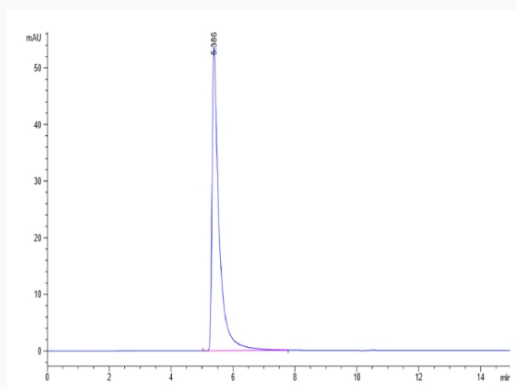
 45-1 Ramsey Road, Shirley, NY 11967, USA

μg/ml is recommended. Dissolve the lyophilized protein in distilled water.

### Tris-Bis PAGE



### SEC-HPLC



Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA