

Recombinant SARS-CoV Spike protein, His-Avi-tagged, Biotinylated

Cat. No. Spike-596VB **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Biotinylated SARS spike S1 protein is expressed from mammalian with a His tag and Avi at the C-terminal. It contains Ser14-Arg667. |
| Species | SARS-CoV |
| Source | HEK293 |
| ProteinLength | Ser14-Arg667 |
| Description | The spike protein (S) of coronavirus (CoV) attaches the virus to its cellular receptor, angiotensin converting enzyme 2 (ACE2). A defined receptor-binding domain (RBD) on S mediates this interaction. The S protein plays key parts in the induction of neutralizing-antibody and T-cell responses, as well as protective immunity. |
| Form | Supplied as 0.22um filtered solution in PBS (pH 7.4). |
| Molecular Mass | The protein has a predicted MW of 75.9 kDa. Due to glycosylation, the protein migrates to 120-140kDa based on Bis-Tris PAGE result. |
| Endotoxin | Less than 1EU per ug by the LAL method. |
| Purity | > 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC |
| Storage | The product should be stored at -70°C. Please do not repeated freeze-thaw cycles. |

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

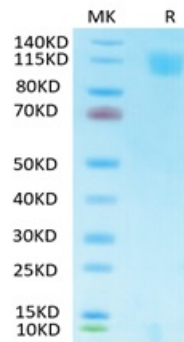
 45-1 Ramsey Road, Shirley, NY 11967, USA

Conjugation Biotin

GENE INFORMATION

| | |
|------------------------|---|
| Gene Name | S |
| Official Symbol | S |
| Synonyms | S protein, Spike glycoprotein, S glycoprotein |
| Gene ID | 1489668 |
| Protein Refseq | YP_009825051.1 |
| UniProt ID | P59594 |

**Tris-Bis PAGE of
Spike-596VB**



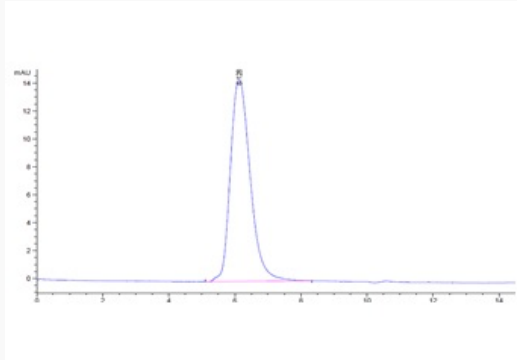
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**SEC-HPLC of Spike-
596VB**



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