

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

Cat. No. Spike-417VB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant SARS spike S1 protein is expressed from mammalian with a Fc 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 100.6 kDa. Due to glycosylation, the protein migrates to 120-140KDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.05 EU 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.

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Conjugation Biotin

GENE INFORMATION

Gene Name S

Official Symbol S

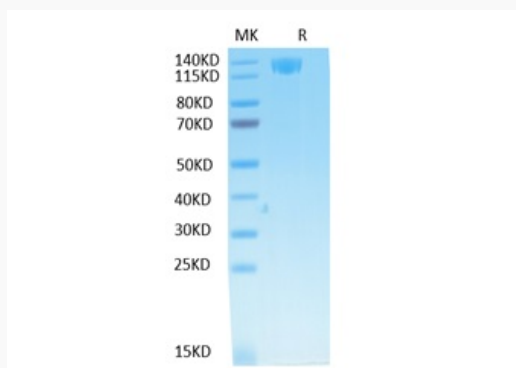
Synonyms S protein, Spike glycoprotein, S glycoprotein

Gene ID 1489668

Protein Refseq YP_009825051.1

UniProt ID P59594

**Tris-Bis PAGE of
Spike-417VB**

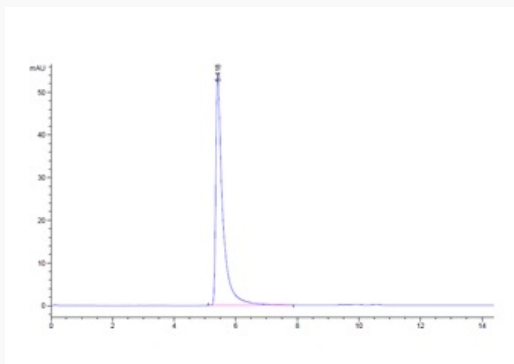


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**SEC-HPLC of Spike-
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