

Active Recombinant COVID-19 Spike S Trimer protein, His-Avi-tagged, Biotinylated

Cat. No. Spike-010V **Lot. No.** (See product label)

SPECIFICATION

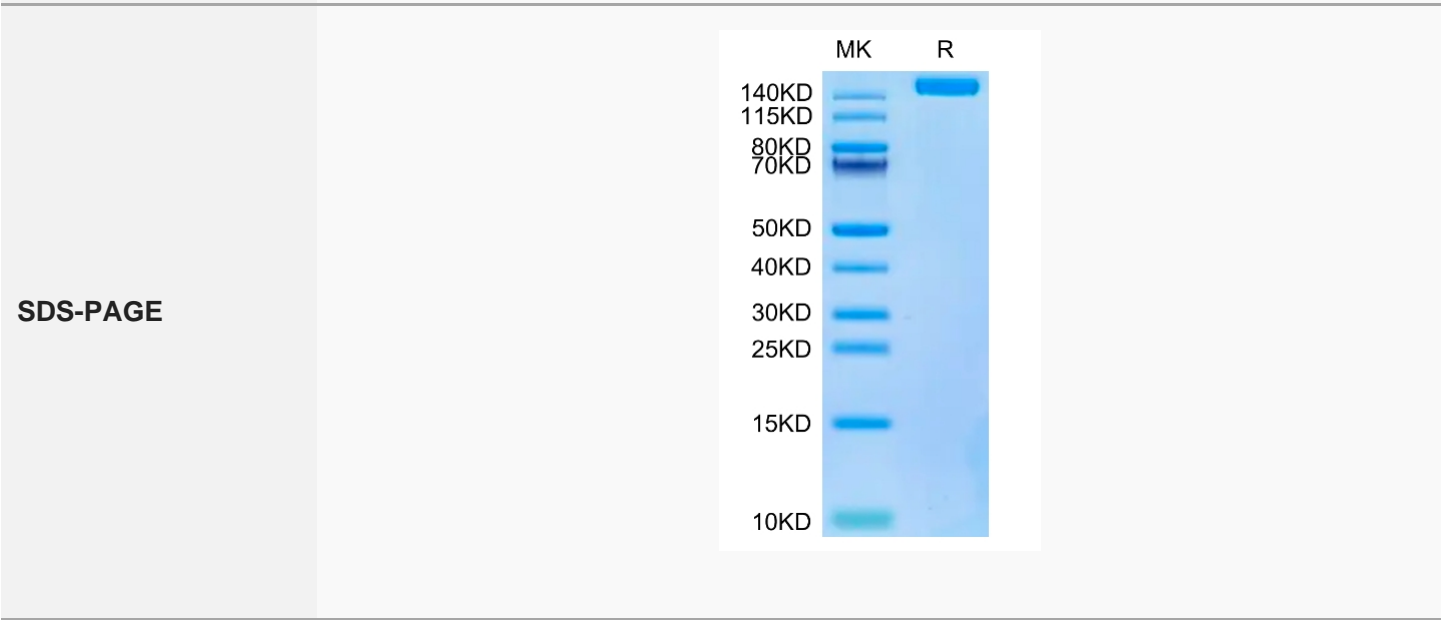
Product Overview	Biotinylated Active Recombinant COVID-19 Spike S Trimer protein(QHD43416.1)(Val16-Glu1188), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Sars-CoV-2
Source	HEK293
ProteinLength	Val16-Glu1188
Tag	C-His-Avi
Conjugation/Label	Biotin
Form	Lyophilized from 0.22um filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated SARS-COV-2 Spike S (Trimer) , His Tag at 2ug/ml (100ul/well) on the streptavidin precoated plate (5ug/ml). Dose response curve for Human ACE2, hFc Tag with the EC50 of 5.9ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 136.6 kDa. Due to glycosylation, the protein migrates to 140-170 kDa based on Bis-Tris PAGE result.

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Endotoxin	Less than 1EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

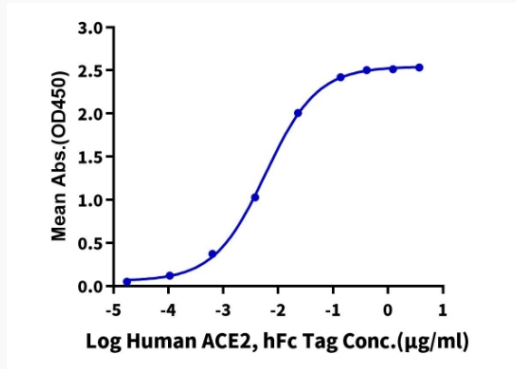


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