

Recombinant COVID-19 Spike S Trimer protein, monomeric hFc-tagged

Cat. No. Spike-5746V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant COVID-19 Spike S Trimer protein(QHD43416.1)(Val16-Glu1188), fused with C-terminal monomeric hFc tag, was expressed in HEK293.
Species	Sars-CoV-2
Source	HEK293
ProteinLength	Val16-Glu1188
Tag	C-monomeric hFc
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human ACE2, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for SARS-COV-2 Spike S (Trimer) , hFc Tag with the EC50 of 0.22µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 158.3 kDa. Due to glycosylation, the protein migrates to 230-250 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

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Storage Valid for 12 months from date of receipt when stored at -80°C; Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not 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.

GENE INFORMATION

Gene Name S spike protein [Middle East respiratory syndrome-related coronavirus]

Official Symbol S

Synonyms Spike; S1 protein; Spike glycoprotein Subunit1; S glycoprotein Subunit1; Spike protein S1

Gene ID 14254594

Protein Refseq YP_009724390.1

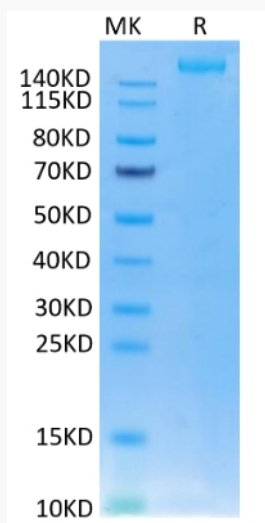
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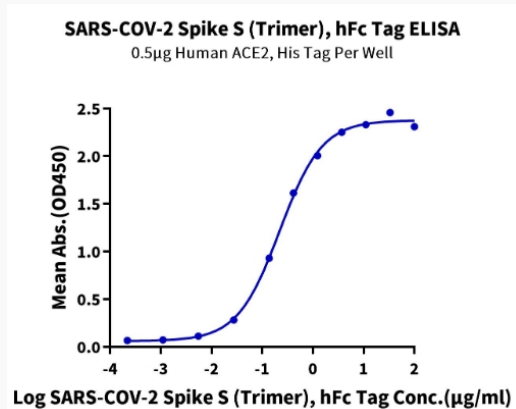
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Tris-Bis PAGE



ELISA Data



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