

Recombinant COVID-19 Spike S1 NTD protein, His-Flag-tagged

Cat. No. Spike-5748V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant COVID-19 Spike S1 NTD protein(QHD43416.1)(Val16-Ser305), fused with C-terminal His-Flag tag, was expressed in HEK293.
Species	Sars-CoV-2
Source	HEK293
ProteinLength	Val16-Ser305
Tag	C-His-Flag
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 35 kDa. Due to glycosylation, the protein migrates to 55-70 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
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	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  Fax: 1-631-938-8127

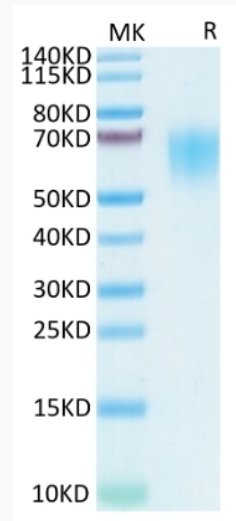
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µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

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
UniProt ID	P0DTC2

Tris-Bis PAGE



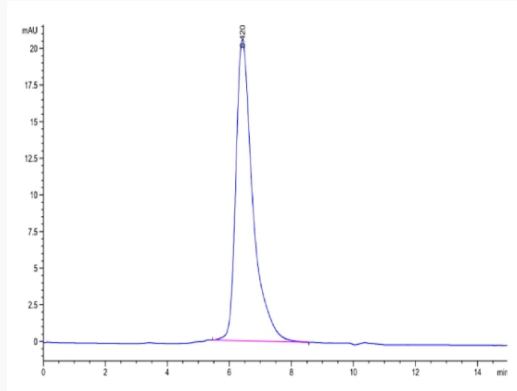
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SEC-HPLC



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