

## Recombinant SARS-CoV-2 (2019-nCoV) S1 protein NTD Protein (Ser13-Leu303), hFc tagged

Cat. No. S-749S Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant SARS-CoV-2 (2019-nCoV) S1 protein NTD Protein (Ser13-Leu303) with hFc (Glu99-Ala330) tag was expressed in HEK293.
<b>Species</b>	SARS-CoV-2
<b>Source</b>	HEK293
<b>ProteinLength</b>	Ser13-Leu303
<b>Description</b>	SARS-CoV-2 (Severe Acute Respiratory Syndrome Coronavirus 2) also known as Covid19 (2019 Novel Coronavirus) is a virus that causes illnesses ranging from the common cold to severe diseases. The spike protein is a type I transmembrane protein containing two subunits, S1 and S2. S1 mainly contains a receptor binding domain (RBD), which accounts for recognizing the cell surface receptor, ACE2. S2 contains basic elements needed for the membrane fusion. Recent publications indicate that S1-RBD domain can induce virus neutralizing-antibody and T cell response.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	59.0 kDa
<b>Purity</b>	> 95% as determined by SDS-PAGE and Coomassie blue staining.
<b>Storage</b>	Store at -80 centigrade for 12 months (Avoid repeated freezing and thawing)

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**Storage Buffer** Lyophilized

## GENE INFORMATION

**Gene Name** S surface glycoprotein [ Severe acute respiratory syndrome coronavirus 2 ]

**Official Symbol** S

**Synonyms** S; surface glycoprotein; spike glycoprotein; surface glycoprotein; structural protein; spike protein

**Gene ID** 43740568

**Protein Refseq** YP\_009724390

**UniProt ID** P0DTC2

## SDS-PAGE



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