

## Recombinant SARS-CoV-2 S Protein, His-tagged

Cat. No. S-010S Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant SARS-CoV-2 Spike S1 RBD (Receptor-Binding Domain) Protein with a His tag at C-Terminus was expressed in HEK293.
<b>Species</b>	SARS-CoV-2
<b>Source</b>	HEK293
<b>Description</b>	SARS-CoV-2 (Severe Acute Respiratory Syndrome Coronavirus 2) also known as 2019-nCoV (2019 Novel Coronavirus) is a virus that causes illnesses ranging from the common cold to severe diseases. SARS-CoV-2 Spike Protein is composed of S1 domain and S2 domain. S1 contains a receptor-binding domain (RBD) that can specifically bind to angiotensin-converting enzyme 2 (ACE2), the receptor on target cells. It is believed that SARS-CoV-2 Spike Protein (RBD) has potential value for the diagnosis of the virus.
<b>Form</b>	Affinity Purified, Liquid
<b>Purity</b>	≥ 90% (SDS-PAGE)
<b>Applications</b>	EIA, LF, WB
<b>Storage</b>	Store unopened at -80 centigrade. Working aliquots can be prepared and stored at or below -20 centigrade for three months. Avoid repeated freeze/thaw cycles.

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**Concentration** 2.00 mg/mL (BCA)

**Storage Buffer** 1X Phosphate Buffered Saline, pH 7.2

## GENE INFORMATION

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

**Official Symbol** S

**Synonyms** S; surface glycoprotein; spike glycoprotein; surface glycoprotein

**Gene ID** 43740568

**UniProt ID** P0DTC2

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