

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

Cat. No. S-012S Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant SARS-CoV-2 Spike S1 N-Terminal Domain Protein with a His tag was expressed in insect cells.
<b>Species</b>	SARS-CoV-2
<b>Source</b>	Insect Cells
<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. S protein plays an important role in the induction of neutralizing-antibodies and T-cell responses, as well as protective immunity.
<b>Form</b>	Affinity Purified
<b>Molecular Mass</b>	~ 40 kDa
<b>Purity</b>	≥ 85% (SDS-PAGE)
<b>Applications</b>	EIA, WB
<b>Storage</b>	Store at -20 centigrade. Avoid repeated freeze/thaw cycles.

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**Concentration** 1.8 mg/mL (BCA)

**Storage Buffer** Phosphate Buffered Saline, pH 7.4

## 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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