

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

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

SPECIFICATION

Product Overview	Recombinant SARS-CoV-2 Spike S1 RBD (Receptor-Binding Domain) Protein with a His tag at C-Terminus was expressed in HEK293.
Species	SARS-CoV-2
Source	HEK293
Description	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.
Form	Affinity Purified, Liquid
Purity	≥ 90% (SDS-PAGE)
Applications	EIA, LF, WB
Storage	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)
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Storage Buffer	1X Phosphate Buffered Saline, pH 7.2
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GENE INFORMATION

Gene Name	S surface glycoprotein [Severe acute respiratory syndrome coronavirus 2]
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Official Symbol	S
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Synonyms	S; surface glycoprotein; spike glycoprotein; surface glycoprotein
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Gene ID	43740568
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UniProt ID	P0DTC2
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