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

Cat. No. S-009S **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 insect cells.
Species	SARS-CoV-2
Source	Insect Cells
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	≥ 85% (SDS-PAGE)
Applications	EIA, WB
Storage	Store at -20 centigrade. Avoid repeated freeze/thaw cycles.
Concentration	3.7 mg/mL (BCA)

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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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