

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

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

SPECIFICATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration	1.8 mg/mL (BCA)
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Storage Buffer	Phosphate Buffered Saline, pH 7.4
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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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