

## Recombinant SARS-CoV-2 S Protein (RBD, Arg319-Asn541), C-His tagged, Animal-free, Carrier-free

Cat. No. S-226S Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant SARS-CoV-2 S Protein (RBD, Arg319-Phe541) with N-His-SUMO tag was expressed in HEK293 and Animal-free as well as Carrier-free.
<b>Species</b>	SARS-CoV-2
<b>Source</b>	HEK293
<b>ProteinLength</b>	Arg319-Phe541
<b>Description</b>	Receptor-binding domain (RBD), which is the S protein mediates viral entry into host cells by first binding to a host receptor.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	The protein has a calculated MW of 36.63 kDa. The protein migrates as 48-63 kDa under reducing condition (SDS-PAGE analysis).
<b>Endotoxin</b>	< 0.1 EU/μg of the protein by the LAL method.
<b>Purity</b>	>98% as determined by SDS-PAGE analysis.
<b>Storage</b>	This product is stable after storage at: -80 centigrade for long-term storage under sterile conditions. Avoid repeated free-thaw cycles.

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**Storage Buffer** Phosphate buffered saline, pH 7.4.

**Shipping**

The product is shipped with polar packs. Upon receipt, store it immediately at -80 centigrade or lower for long term storage.

## GENE INFORMATION

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

**Official Symbol** S

**Synonyms** S; surface glycoprotein; spike glycoprotein; structural protein; spike protein

**Gene ID** 43740568

**Protein Refseq** YP\_009724390

**UniProt ID** P0DTC2

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