

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

Product Overview	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.
Species	SARS-CoV-2
Source	HEK293
ProteinLength	Arg319-Phe541
Description	Receptor-binding domain (RBD), which is the S protein mediates viral entry into host cells by first binding to a host receptor.
Form	Liquid
Molecular Mass	The protein has a calculated MW of 36.63 kDa. The protein migrates as 48-63 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE analysis.
Storage	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

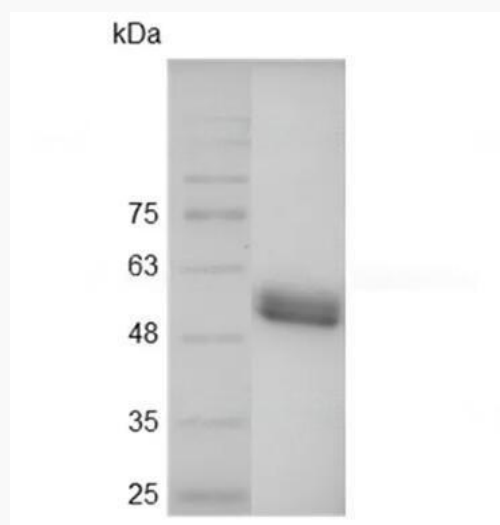
Synonyms S; surface glycoprotein; spike glycoprotein; structural protein; spike protein

Gene ID 43740568

Protein Refseq YP_009724390

UniProt ID P0DTC2

**SDS-PAGE analysis
of SARS-CoV-2 Spike
Protein RBD.**



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