

## Recombinant SARS-CoV-2 (2019-nCoV) Spike RBD(R408I) Protein, His-tagged

Cat. No. S-497S Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant SARS-CoV-2 (2019-nCoV) Spike RBD(R408I)-His Recombinant Protein (YP\_009724390.1) (Arg319-Phe541(R408I)) was expressed in HEK293 cell with a polyhistidine tag at the C-terminus.

**Species** SARS-CoV-2

**Source** HEK293

**ProteinLength** 319-541

**Predicted N Terminal** Arg 319

**Molecular Mass** The recombinant SARS-CoV-2 (2019-nCoV) Spike RBD(R408I)-His Recombinant Protein consists of 234 amino acids and predicts a molecular mass of 26.5 kDa.

**Endotoxin** < 1.0 EU/μg protein as determined by the LAL method.

**Purity** > 90 % as determined by SDS-PAGE.

**Storage** Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.  
Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Storage Buffer**

Lyophilized from sterile PBS, pH 7.4.

Please contact us for any concerns or special requirements.

Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.

**GENE INFORMATION**

<b>Gene Name</b>	S surface glycoprotein [ Severe acute respiratory syndrome coronavirus 2 ]
<b>Official Symbol</b>	S
<b>Synonyms</b>	S; surface glycoprotein; spike glycoprotein; surface glycoprotein; structural protein; spike protein
<b>Gene ID</b>	43740568
<b>mRNA Refseq</b>	MN908947
<b>Protein Refseq</b>	YP_009724390

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