

## Recombinant SARS-CoV-2 (2019-nCoV) Spike RBD(E471Q) Protein, His-tagged

Cat. No. S-542S Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant SARS-CoV-2 (2019-nCoV) Spike RBD(E471Q)-His Recombinant Protein (YP\_009724390.1) (Arg319-Phe541(E471Q)) 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(E471Q)-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****Gene Name**

S surface glycoprotein [ Severe acute respiratory syndrome coronavirus 2 ]

**Official Symbol**

S

**Synonyms**

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

**Gene ID**

43740568

**mRNA Refseq**

MN908947

**Protein Refseq**

YP\_009724390

**SDS-PAGE**

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