

Recombinant SARS-CoV-2 (2019-nCoV) Spike S1(HV69-70 deletion, N439K, D614G) Protein, His-tagged

Cat. No. S-494S Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant SARS-CoV-2 (2019-nCoV) Spike S1(HV69-70 deletion, N439K, D614G)-His Recombinant Protein (YP_009724390.1) (Met1-Arg685(HV69-70 deletion, N439K, D614G)) was expressed in HEK293 cell with a polyhistidine tag at the C-terminus.
Species	SARS-CoV-2
Source	HEK293
ProteinLength	1-685
Predicted N Terminal	Val 16
Molecular Mass	The recombinant SARS-CoV-2 (2019-nCoV) Spike S1(HV69-70 deletion, N439K, D614G)-His Recombinant Protein consists of 679 amino acids and predicts a molecular mass of 76.2 kDa. As a result of glycosylation, it migrates as an approximately 105.8 kDa band in SDS-PAGE under reducing conditions.
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.

 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

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.

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

 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