Recombinant SARS-CoV-2 (2019-nCoV) Spike S1+S2 ECD (HV69-70 deletion, D614G, D796H) Protein, His-tagged

Cat. No. S-485S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant SARS-CoV-2 (2019-nCoV) Spike Protein (S1+S2 ECD) (YP_009724390.1) (Met1-Pro1213(HV69-70 deletion, D614G, D796H)) was expressed in insect cell with a polyhistidine tag at the C-terminus.
Species	SARS-CoV-2
Source	Insect Cells
ProteinLength	1-1213
Predicted N Terminal	Val 16
Molecular Mass	The recombinant SARS-CoV-2 (2019-nCoV) Spike Protein (S1+S2 ECD(HV69-70 deletion, D614G, D796H), His tag) consists of 1207 amino acids and predicts a molecular mass of 134.1 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.

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

Storage Buffer	Lyophilized from sterile 20 mM Tris, 300 mM NaCl, 10 % glycerol, pH 8.0. 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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