

## Recombinant COVID-19 Spike S1+S2 (Q52R, A67V, HV69-70 deletion, Y144 deletion, E484K, D614G, Q677H, F888L) Protein, His-tagged

**Cat. No.** Spike-524C    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant COVID-19 Spike S1+S2 (Q52R, A67V, HV69-70 deletion, Y144 deletion, E484K, D614G, Q677H, F888L) Protein(YP_009724390.1)(Met1-Pro1213), fused with His tag, was expressed in Insect Cells.
<b>Species</b>	Sars-CoV-2
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met1-Pro1213
<b>Form</b>	Lyophilized from sterile 20mM Tris, 300mM 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. Please refer to the specific buffer information in the hard copy of CoA.
<b>Molecular Mass</b>	The recombinant SARS-CoV-2 Spike S1+S2 consists of 1206 amino acids and predicts a molecular mass of 133.96 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION****Gene Name**

S surface glycoprotein [ Severe acute respiratory syndrome coronavirus 2 ]

**Official Symbol**

Spike

**Synonyms**

Spike; S1 protein; Spike glycoprotein Subunit1; S glycoprotein Subunit1; Spike protein S1; COVID-19

**Gene ID**

43740568

**Protein Refseq**

YP\_009724390.1

**UniProt ID**

P0DTC2

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