

# Recombinant COVID-19 Spike protein, His-Avi&Myc-tagged, Biotinylated

**Cat. No.** Spike-4643V    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant COVID-19 Spike protein(P0DTC2)(319-541aa), fused with N-terminal His and Avi tag and C-terminal Myc tag, was expressed in HEK293.
<b>Species</b>	Sars-CoV-2
<b>Source</b>	HEK293
<b>ProteinLength</b>	319-541aa
<b>Tag</b>	N-His-Avi&C-Myc
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	31.7 kDa
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE. Greater than 90% as determined by SEC-HPLC.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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**Reconstitution**

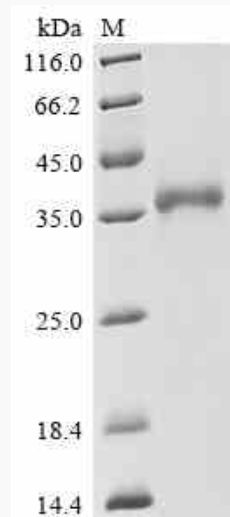
We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

**AA Sequence**

RVQPTESIVRFPNITNLCPFGEVFNATRFASVYAWNRRKRISNCVADYSVLYNSASFS  
TFKCYGVSPTKLNDLCFTNVYADSFVIRGDEVQRQIAPGQTGKIADYNYKLPDDFTGC  
VIAWNSNNLDSKVGGNYNLYRLFRKSNLKPFFERDISTEIYQAGSTPCNGVEGFNCY  
FPLQSYGFQPTNGVGYQPYRVVLSFELLHAPATVCGPKKSTNLVKNKCVNF

**Conjugation**

Biotin

**SDS-PAGE**


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