Recombinant SARS-CoV (Isolate Tor2) Spike protein(Arg306-Phe527), His&Avi-tagged, Biotinylated

Cat. No. Spike-3301V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant SARS-CoV (Isolate Tor2) Spike protein(NP_828851.1)(Arg306-Phe527), fused with His&Avi tag, was expressed in HEK293.
Species	SARS-CoV (Isolate Tor2)
Source	HEK293
ProteinLength	Arg306-Phe527
Form	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. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant SARS-CoV (isolate: Tor2) spike RBD consists of 249 amino acids and predicts a molecular mass of 28.4 kDa. As a result of glycosylation, it migrates as an approximately 37.1 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	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.
Conjugation	Biotin

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