

Recombinant COVID-19 Spike RBD Protein (L452R, T478K), His-Avi-tagged, Biotinylated

Cat. No. Spike-4655V Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant COVID-19 Protein (L452R, T478K), fused with His and Avi tag, was expressed in HEK293.
Species	Sars-CoV-2
Source	HEK293
Form	Supplied as 0.2 µm filtered solution in PBS, pH7.4.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag)The protein has a calculated MW of 28.3 kDa. The protein migrates as 33-40 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	Please avoid repeated freeze-thaw cycles. This product is stable after at: The product MUST be stored at -70°C or lower upon receipt; -70°C for 3 months under sterile conditions.
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.

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Conjugation Biotin

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 Omicron

Gene ID [43740568](#)

Protein Refseq [YP_009724390.1](#)

UniProt ID [P0DTC2](#)

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