Active Recombinant 2019-nCoV Spike RBD Protein, His-Avi-tagged, Biotinylated

Cat. No. Spike-109V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant 2019-nCoV Spike RBD Protein(YP_009724390.1)(Arg319-Ser591), fused to two C-terminal tags, His tag ans Avi tag, was expressed in HEK293.
Species	Sars-Cov-2
Source	HEK293
ProteinLength	Arg319-Ser591
Form	Supplied as a 0.2 μm filtered solution of PBS, PH7.4.
Bio-activity	Immobilized Human ACE-2-Fc at 2μg/ml (100 μl/well) can bind Biotinylated SARS-CoV-2 S Protein RBD-SD1-Avi-His. The ED50 of Biotinylated SARS-CoV-2 S Protein RBD-SD1-Avi-His is 0.13 ug/ml.
Molecular Mass	38-45kDa, reducing conditions.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Reconstituted protein solution should be stored at ≤ -20°C.
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
Gene ID	43740568
Protein Refseq	YP_009724390.1
UniProt ID	P0DTC2

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