

## SARS-CoV-2 (COVID-19) Spike RBD Recombinant Protein

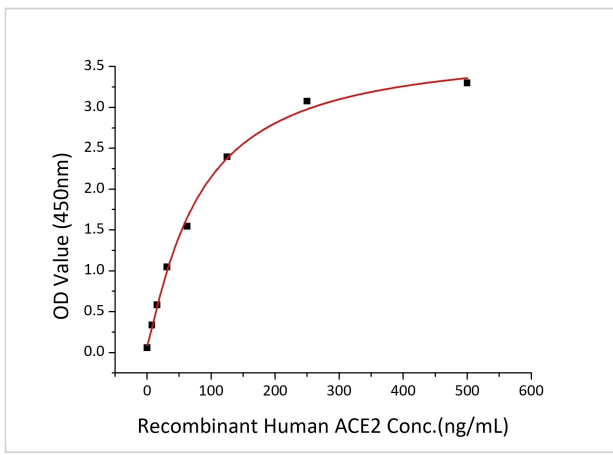
CATALOG NUMBER: 10-117

### Specifications

<b>Species</b>	SARS-CoV-2 (COVID-19) Spike Protein
<b>Source Species</b>	HEK293 cells
<b>Fusion Tag</b>	mFc tag at the C-terminus
<b>Tested Applications</b>	E, WB
<b>Predicted Molecular Weight</b>	50.8 kDa
<b>Biological Activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Recombinant 2019-nCoV RBD-mFc at 2µg/mL (100 µL/well) can bind Recombinant Human ACE2 with a linear range of 8-80 ng/mL.

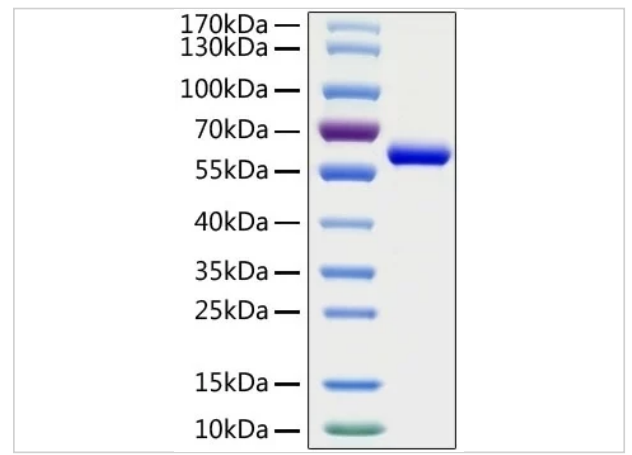
### Properties

<b>Purity</b>	> 95% by SDS-PAGE.
<b>Physical State</b>	Lyophilized
<b>Buffer</b>	PBS, pH 7.4
<b>Storage Conditions</b>	Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.



## SARS-CoV-2 (COVID-19) Spike RBD Recombinant Protein 1

Immobilized SARS-CoV-2 (COVID-19) spike RBD recombinant protein at 2µg/mL (100 µL/well) can bind recombinant human ACE2 with a linear range of 8-80 ng/mL.



## SARS-CoV-2 (COVID-19) Spike RBD Recombinant Protein 2

SARS-CoV-2 (COVID-19) spike RBD recombinant protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 60 kD.

## Disclaimer

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