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

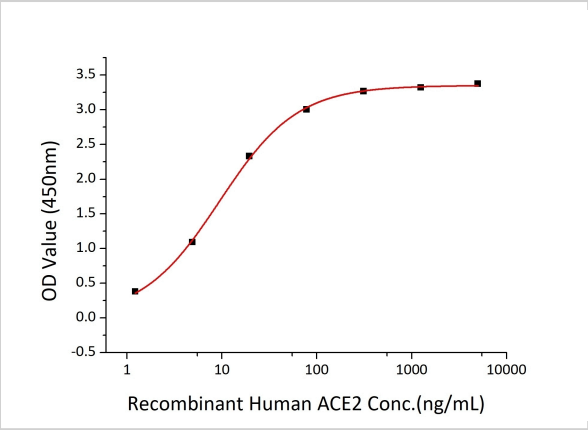
CATALOG NUMBER: 10-100

Specifications

Species	SARS-CoV-2 (COVID-19, 2019-nCoV) Spike Protein
Source Species	HEK293 cells
Fusion Tag	His tag at C-terminus
Tested Applications	ELISA, WB
Predicted Molecular Weight	25.9 kDa
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant 2019-nCoV Spike RBD-His at 2μg/mL (100 μL/well) can bind Recombinant Human ACE2 with a linear range of 1.5-9.4 ng/mL.

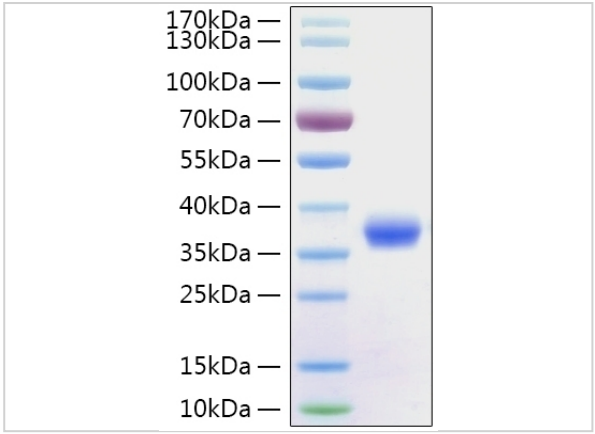
Properties

Purity	> 95% by SDS-PAGE.
Physical State	Lyophilized
Buffer	PBS, pH 7.4
Storage Conditions	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 1.5-9.4 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 36 kDa.

Disclaimer

Disclaimer	Products are intended for laboratory research purposes only and should be used by qualified personnel only. They are not intended for use in humans. ProSci is not liable for damages or injuries resulting from receipt and/or use of ProSci materials. Please refer to the Material Safety Data Sheet (MSDS) for safe storage, handling, and use procedures.