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SARS-CoV-2 (COVID-19) S1+S2 ECD (S-ECD) Recombinant Protein

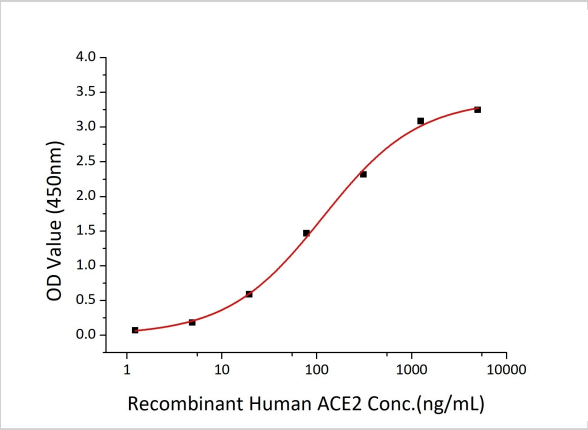
CATALOG NUMBER: 10-108

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	133.8 kDa
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant 2019-nCoV Spike S1+S2 ECD-His at 2μg/mL (100 μL/well) can bind Recombinant Human ACE2 with a linear range of 1.5-115.4 ng/mL.

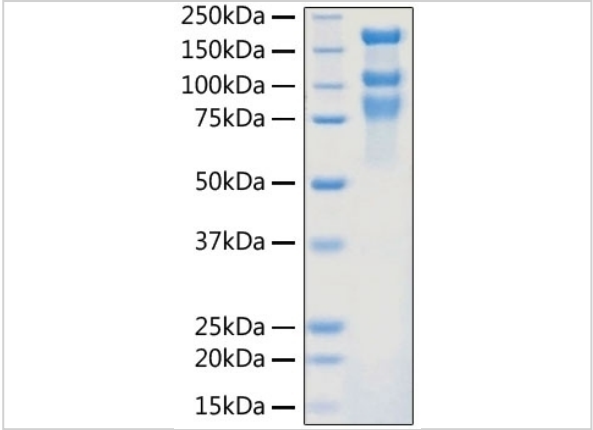
Properties

Purity	> 97% as determined by SDS-PAGE.
Physical State	Liquid
Buffer	PBS, pH 7.4
Storage Conditions	This product is stable at ≤ -70°C for up to 6 months from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles.



SARS-CoV-2 (COVID-19) S1+S2 ECD (S-ECD) Recombinant Protein 1

Immobilized SARS-CoV-2 (COVID-19) S1+S2 ECD (S-ECD) recombinant protein at 2μg/mL (100 μL/well) can bind recombinant human ACE2 with a linear range of 1.5-115.4 ng/mL.



SARS-CoV-2 (COVID-19) S1+S2 ECD (S-ECD) Recombinant Protein 2

SARS-CoV-2 (COVID-19) S1+S2 ECD (S-ECD) recombinant protein was determined by SDS-PAGE with Coomassie Blue, showing bands around 80, 110, 180 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.

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