

SARS-CoV-2 (COVID-19) S1+S2 ECD (S-ECD), (Wild type,pre-fusion state) Recombinant Protein

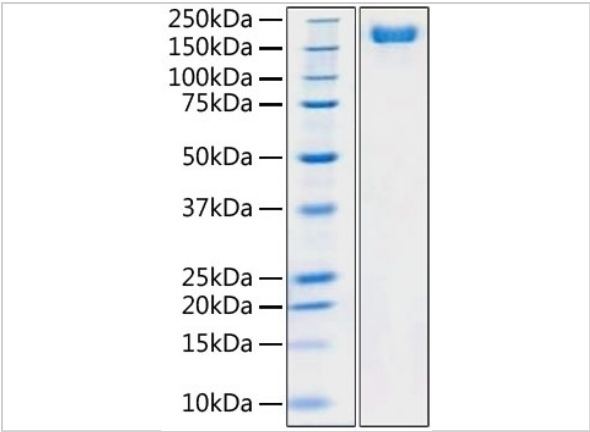
CATALOG NUMBER: 10-122

Specifications

Species	SARS-CoV-2
Source Species	HEK293 cells
Fusion Tag	His tag at the C-terminus
Tested Applications	WB
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV-2 S1+S2 ECD (S-ECD) at 2µg/mL (100 µL/well) can bind recombinant Human ACE2 with a linear range of 0.15-3.72 ng/mL

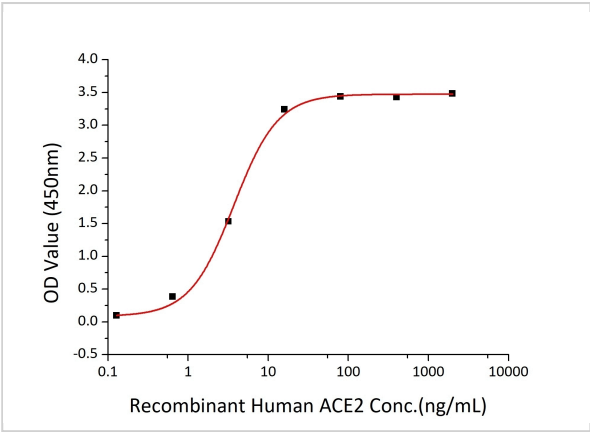
Properties

Purity	> 95% by SDS-PAGE.
Physical State	Liquid
Buffer	20mM Tris,250mM NaCl,0.5%TritonX-100,pH 8.0.
Storage Conditions	This product is stable at $\leq -70^{\circ}\text{C}$ for up to 1 year 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), (Wild type,pre-fusion state)
Recombinant Protein 1**

Recombinant SARS-COV-2 S1+S2 ECD(S-ECD) Protein with His tag was determined by SDS-PAGE with Coomassie Blue, showing a band at 180 kDa.



**SARS-CoV-2 (COVID-19) S1+S2 ECD (S-ECD), (Wild type,pre-fusion state)
Recombinant Protein 2**

Immobilized SARS-CoV-2 S1+S2 ECD(S-ECD) at 2µg/mL (100 µL/well) can bind recombinant Human ACE2 with a linear range of 0.15-3.72 ng/mL.

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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