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SARS-CoV-2 Spike S1+S2 ECD(S-ECD)(D614G) Recombinant Protein (85-359)

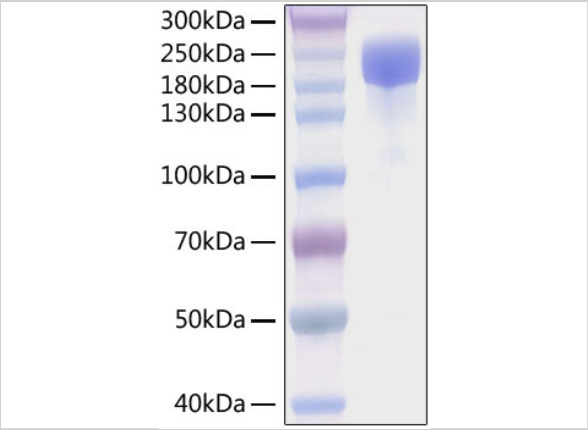
CATALOG NUMBER: 85-359

Specifications

Species	SARS-CoV-2
Source Species	HEK293 cells
Fusion Tag	C-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	133.52 kDa
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized recombinant SARS-CoV-2 Spike S1+S2 ECD at 2 μg/mL (100 μL/well) can bind recombinant Human ACE2 with a linear range of 0.15-2.58 ng/mL.

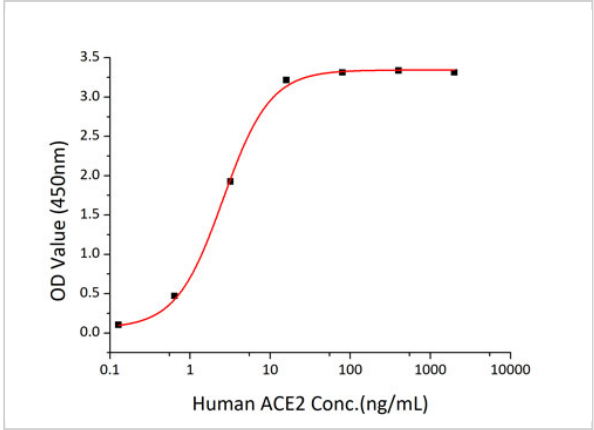
Properties

Purity	≥ 95 % as determined by SDS-PAGE.
Physical State	Lyophilized
Buffer	Supplied as a 0.22 μm filtered solution in PBS, pH 7.4.
Storage Conditions	Store at -70°C. This product is stable at ≤ -70°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.



85-359_1

Recombinant SARS-CoV-2 Spike S1+S2 ECD(S-ECD)(D614G) Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



85-359_2

Immobilized recombinant SARS-CoV-2 Spike S1+S2 ECD at 2μg/mL (100 μL/well) can bind recombinant Human ACE2 with a linear range of 0.15-2.58 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.