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SARS-CoV-2 Spike RBD Recombinant Protein (85-354)

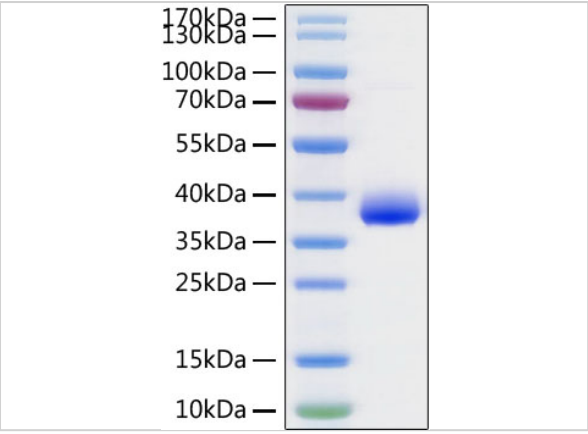
CATALOG NUMBER: 85-354

Specifications

Species	SARS-CoV-2
Source Species	HEK293 cells
Fusion Tag	C-His&Avi
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	27.75 kDa
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV-2 Spike RBD at 2 μg/mL (100 μL/well) can bind recombinant Human ACE2 with a linear range of 0.03-3.16 ng/mL.

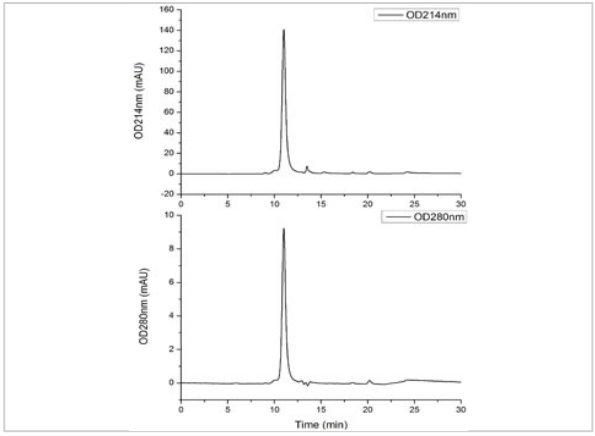
Properties

Purity	≥ 95 % as determined by SDS-PAGE.≥ 95 % as determined by HPLC.
Physical State	Lyophilized
Buffer	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4 or Supplied as a 0.22 μm filtered solution in PBS, pH 7.4.Contact us for customized product form or formulation.
Storage Conditions	Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.



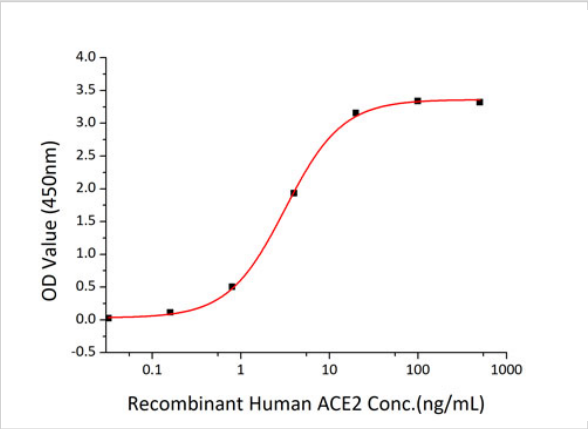
85-354_1

Recombinant SARS-CoV-2 Spike RBD Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



85-354_2

The purity of SARS-COV-2 Spike RBD Protein with Avi and His tag was greater than 95% as determined by SEC-HPLC.



85-354_3

Immobilized SARS-CoV-2 Spike RBD at 2μg/mL (100 μL/well) can bind recombinant Human ACE2 with a linear range of 0.03-3.16 ng/mL.

Disclaimer

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