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SARS-CoV-2 Nucleocapsid Recombinant Protein (85-347)

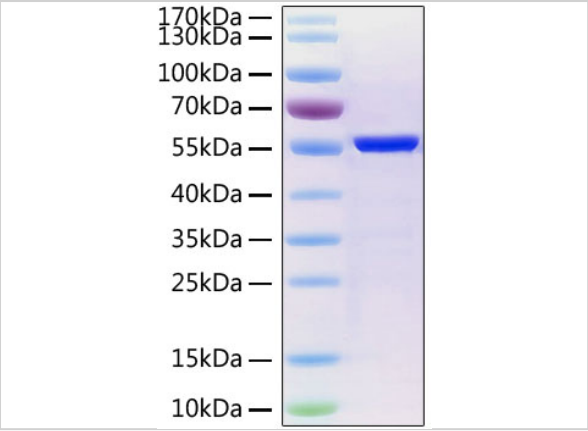
CATALOG NUMBER: 85-347

Specifications

Species	SARS-CoV-2
Source Species	E. coli
Fusion Tag	N-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	46.48 kDa
Biological Activity	1.Measured by its binding ability in a functional ELISA. Immobilized Recombinant SARS-CoV-2 Nucleocapsid at 2 μg/mL (100 μL/well) can bind Anti-Nucleocapsid antibody with a linear range of 0.12-1.64 ng/mL. 2.Measured by its binding ability in a functional ELISA. Immobilized Recombinant SARS-CoV-2 envelope Protein at 2 μg/mL (100 μL/well) can bind Recombinant SARS-CoV-2 Nucleocapsid protein, the EC_{50} of Recombinant SARS-CoV-2 Nucleocapsid protein is 41.10 ng/mL.

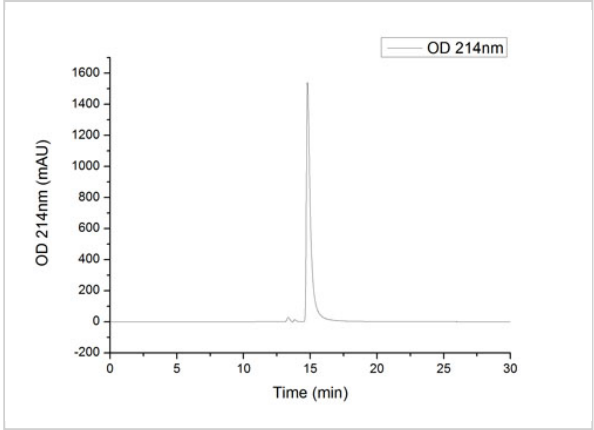
Properties

Purity	≥ 95 % as determined by SDS-PAGE;≥ 95 % as determined by HPLC.
Physical State	Lyophilized
Buffer	Supplied as a 0.22 μm filtered solution in 20mM Tris, 500mM NaCl, 0.1mM EDTA, 10% glycerol, pH8.0.Contact us for customized product form or formulation.
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.



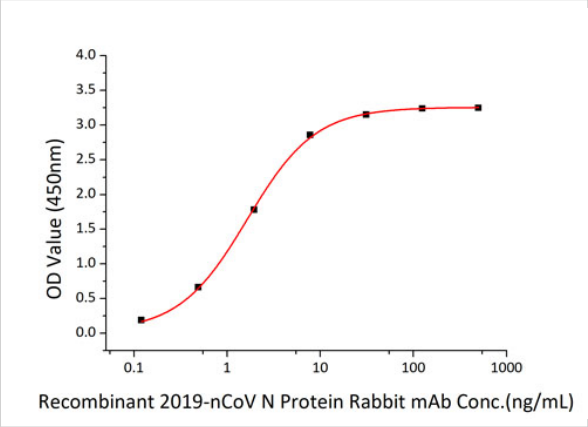
85-347_1

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



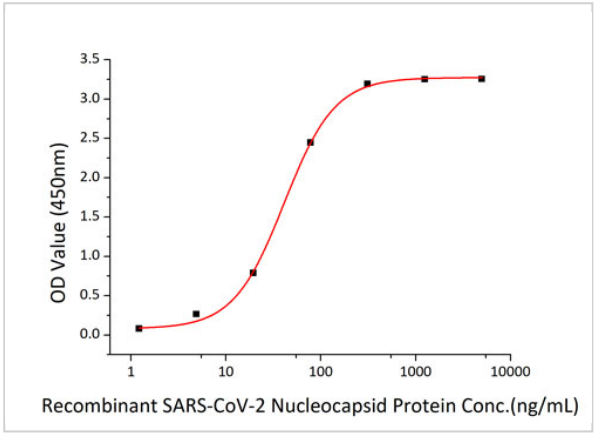
85-347_2

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



85-347_3

Immobilized Recombinant SARS-COV-2 Nucleocapsid at 2μg/mL (100 μL/well) can bind Anti-Nucleocapsid antibody with a linear range of 0.12-1.64 ng/mL.



85-347_4

Immobilized Recombinant SARS-CoV-2 envelope Protein at 2μg/mL (100 μL/well) can bind Recombinant SARS-CoV-2 Nucleocapsid protein, the EC_{50} of Recombinant SARS-CoV-2 Nucleocapsid protein ...

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