

RP01485LQ

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Recombinant SARS-COV-2 Nucleocapsid(B.1.1.529/Omicron) Protein

Catalog No.: RP01485LQ

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
<i>E. coli</i>	43740575	

Tags

C-His

Synonyms

Nucleoprotein

Product Information

Source	Purification
<i>E. coli</i>	≥ 95 % as determined by SDS-PAGE.

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Supplied as a 0.22 μm filtered solution in 20mM Tris, 500mM NaCl, 0.1mM EDTA, 10% glycerol, pH8.0.

Reconstitution

Background

Basic Information

Description

Recombinant SARS-COV-2 Nucleocapsid(B.1.1.529/Omicron) Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Ser2-Ala419(P13L,E31del,R32del,S33del,R203K,G204R)) of sars-cov-2 N (B.1.1.529/Omicron) (Accession #QHD43423.2) fused with a 6×His tag at the C-terminus.

Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV-2 Envelope at 2 μg/mL (100 μL/well) can bind SARS-COV-2 Nucleocapsid with a linear range of 0.2-65 ng/mL.

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -80°C
Avoid repeated freeze/thaw cycles.

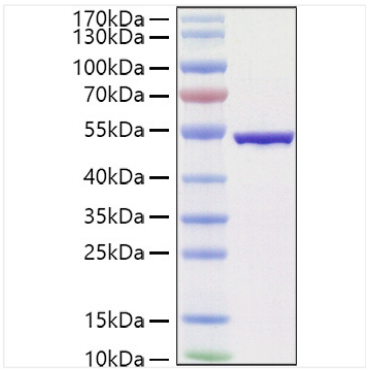
Contact



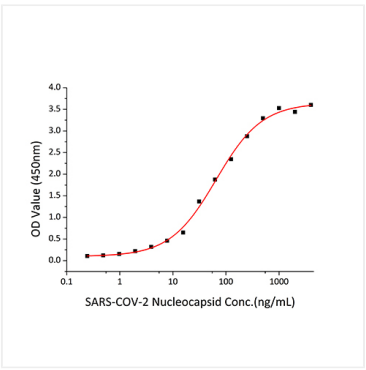
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Validation Data



Recombinant SARS-COV-2 Nucleocapsid(B.1.1.529/Omicron) Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized SARS-CoV-2 Envelope at 2 µg/mL (100 µL/well) can bind SARS-COV-2 Nucleocapsid with a linear range of 0.2-65 ng/mL.