

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

Catalog No.: RP01485LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
SARS-COV-2	43740575	

Tags

C-His

Synonyms

Nucleoprotein

Product Information

Source

E. coli

Purification

> 95% by SDS-PAGE.

Endotoxin

<0.1EU/μg

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 6xHis 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.

Storage

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.

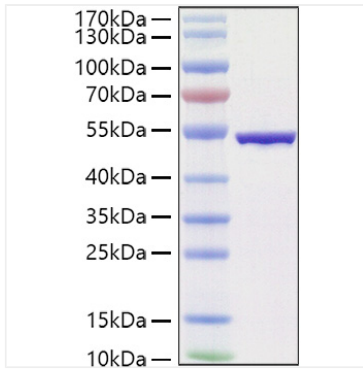
Contact

 | 400-999-6126

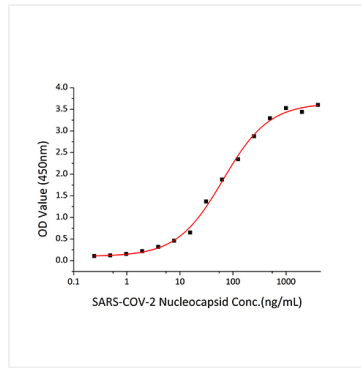
 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Validation Data



Recombinant SARS-COV-2 Nucleocapsid(B.1.1.529/Omicron) Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 55kDa.



Immobilized SARS-CoV-2 Envelope at 2 $\mu\text{g/mL}$ (100 μL /well) can bind SARS-COV-2 Nucleocapsid with a linear range of 0.2-65 ng/mL.