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

Catalog No.: RP01485LQ

Sequence Information

Species
SARS-COV-2

Gene ID
43740575

Swiss Prot

Tags
C-His

Synonyms
Nucleoprotein

Product Information

Source
E. coli

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
46.04 kDa

Observed MW
50-55 kDa

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.

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.

Storage
Store at -70℃

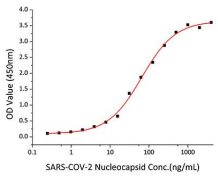
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

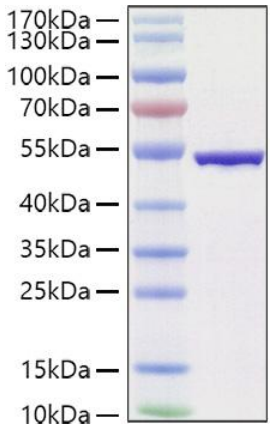
400-999-6126
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Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



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.



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