

Recombinant SARS-COV-2 Nucleocapsid(D63G,R203M,D377Y) Protein

Catalog No.: RP01474LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
SARS-COV-2	43740575	

Tags

N-his

Synonyms

Nucleoprotein

Product Information

Source

E. coli

Purification

> 95% by SDS-PAGE.> 95% by HPLC.

Calculated MW Observed MW

46.30 kDa

50-55 kDa

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(D63G,R203M,D377Y) Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Ser2-Ala419(D63G,R203M,D377Y)) of sars-cov-2 Nucleocapsid(D63G,R203M,D377Y) (Accession #QHD43423.2) fused with an 6×His tag at the N-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 0.01-30 ng/mL.

Storage

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. Avoid repeated freeze/thaw cycles.

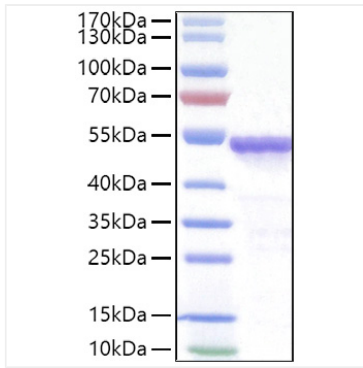
Contact

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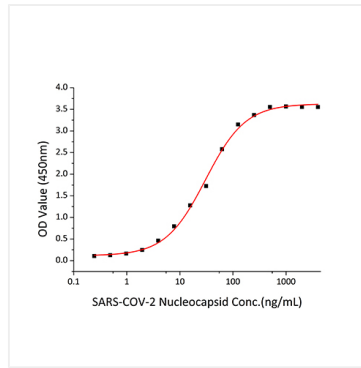
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Validation Data



Recombinant SARS-COV-2 Nucleocapsid(D63G,R203M,D377Y) Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 50-55kDa.



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 0.01-30 ng/mL.