

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

Catalog No.: RP01474LQ

Sequence Information

Species	Gene ID
SARS-COV-2	43740575
Swiss Prot	Tags
	C-6*His

Synonyms

Nucleoprotein

Product Information

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

Calculated MW	Observed MW
46.30 kDa	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(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 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 0.01-30 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°C

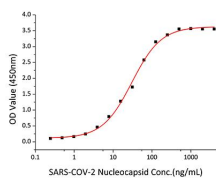
Operational Notes

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

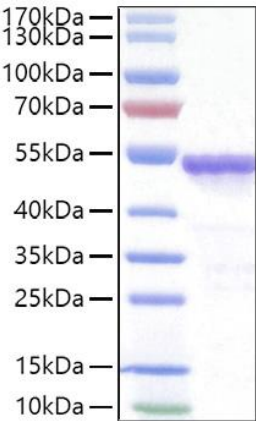
Contact

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		cn.market@abclonal.com.cn
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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 0.01-30 ng/mL.



Recombinant SARS-COV-2 Nucleocapsid(D63G,R203M,D377Y) Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.