

# Recombinant SARS-CoV-2 Nucleocapsid(G335A) Protein

Catalog No.: RP01281 **Recombinant** **1 Publications**

## Sequence Information

Species	Gene ID	Swiss Prot
SARS-CoV-2	43740575	P0DTC9

### Tags

N-His

### Synonyms

Nucleoprotein

## Product Information

Source	Purification
Baculovirus-Infected Sf9 Cells	> 90% 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. Contact us for customized product form or formulation.

### Reconstitution

## Background

## Basic Information

### Description

Recombinant SARS-CoV-2 Nucleocapsid(G335A) Protein is produced by Baculovirus-Infected Sf9 Cells expression system. The target protein is expressed with sequence (Ser2-Ala419-Gly335Ala) of sars-cov-2 Nucleocapsid (Accession #QHD43423.2) fused with a 6×His tag at the N-terminus.

### Bio-Activity

1. Measured by its binding ability in a functional ELISA. Immobilized Recombinant SARS-CoV-2 Nucleocapsid Protein at 2 μg/mL (100 μL/well) can bind SARS-CoV-2 Nucleocapsid Protein Rabbit mAb with a linear range of 0.032-0.79 ng/mL. 2. Measured by its binding ability in a functional ELISA. Immobilized Recombinant SARS-CoV-2 envelope Protein at 2 μg/mL (100 μL/well) can bind Recombinant SARS-CoV-2 Nucleocapsid protein, the EC<sub>50</sub> of Recombinant SARS-CoV-2 Nucleocapsid protein is 46.90 ng/mL.

### Storage

This liquid 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](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)