

SARS-CoV-2

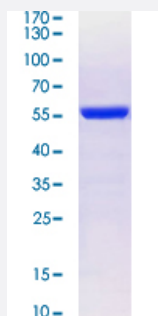
Bioactive

## N (SARS-CoV-2) Recombinant Protein

Catalog # P6638

Size 100 ug

### Applications



This protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 55 kDa.

### Result of bioactivity analysis

Result of bioactivity analysis

### Specification

Product Description	SARS-CoV-2 N (QHD43423.2, 1 a.a. - 419 a.a.) recombinant protein with His tag at N-terminal expressed in <i>Escherichia coli</i> .
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	49.4
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Affinity purification
Purity	> 95% by SDS-PAGE; > 95% by HPLC.

<b>Endotoxin Level</b>	< 1.0 EU/ug of the protein by LAL method.
<b>Activity</b>	Immobilized N (SARS-CoV-2) Recombinant Protein at 2 ug/mL (100 uL/well) can bind Anti-Nucleocapsid antibody with a linear range of 0.12-6 ng/mL.
<b>Quality Control Testing</b>	SDS-PAGE Stained with Coomassie Blue This protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 55 kDa.
<b>Storage Buffer</b>	In 20 mM Tris, 500 mM NaCl, pH 8.0 (0.1 mM EDTA, 10% glycerol).
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Result of bioactivity analysis Result of bioactivity analysis

## Applications

- SDS-PAGE