

# SARS-CoV-2 (COVID-19) Nucleocapsid protein, B.1.1.529 / Omicron variant, His tag

**Cat. No. GTX03400-pro**

<b>Applications</b>	WB
<b>Species</b>	SARS Coronavirus 2

Package

100 µg

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
--------------------	----------------------

WB	Assay dependent
----	-----------------

Not tested in other applications.

## Properties

<b>Form</b>	Lyophilized powder
-------------	--------------------

<b>Buffer</b>	Batch dependent (please contact us for details)
---------------	---

<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
----------------	--

<b>Region/Sequence</b>	A DNA sequence encoding the SARS-CoV-2 Nucleocapsid (YP_009724397.2, with mutations P13L, ERS31-33 deletion, R203K, G204R) (Met1-Ala419) was expressed with a polyhistidine tag at the N-terminus. The mutations were identified in the SARS-CoV-2 variant (known as variant B.1.1.529) which emerged in the South Africa.
------------------------	--

<b>Expression System</b>	E. coli
--------------------------	---------

<b>Purity</b>	> 95 % by SDS-PAGE and SEC-HPLC
---------------	---------------------------------

<b>Conjugation</b>	Unconjugated
--------------------	--------------

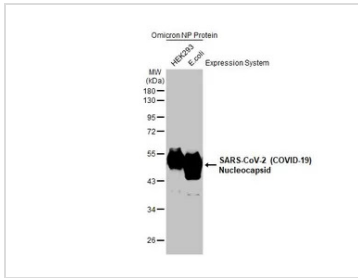
<b>Note</b>	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
-------------	---

	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.
--	---



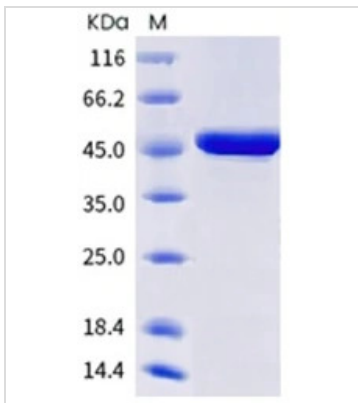
For full product information, images and publications, please visit our [website](#).

## DATA IMAGES



### GTx03400-pro WB Image

SARS-CoV-2 (COVID-19) nucleocapsid protein, B.1.1.529 / Omicron variant, His tag (0.5 µg), expressed by HEK293 cells (GTx136779-pro) or E. coli (GTx03400-pro), were separated by 10% SDS-PAGE, and the membrane was blotted with SARS-CoV-2 (COVID-19) nucleocapsid antibody [HL5410] (GTx635685) diluted at 1:20000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



### GTx03400-pro Image

SDS-PAGE of GTx03400-pro SARS-CoV-2 (COVID-19) nucleocapsid protein, B.1.1.529 / Omicron variant, His tag.



For full product information, images and publications, please visit our [website](https://www.genetex.com).