

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

Cat. No. GTX03400-pro

Applications	WB
Species	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

Form	Lyophilized powder
Buffer	Batch dependent (please contact us for details)
Storage	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.
Region/Sequence	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.
Expression System	E. coli
Purity	> 95 % by SDS-PAGE and SEC-HPLC
Conjugation	Unconjugated

Note

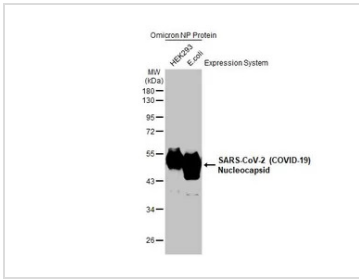
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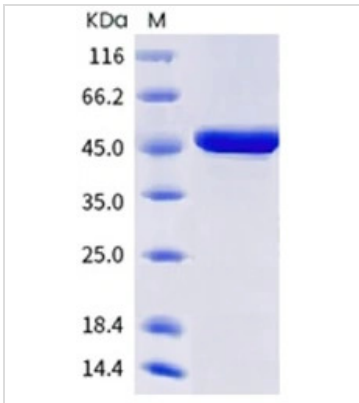
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DATA IMAGES



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.



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