

SARS-CoV-2 Nucleocapsid Protein

Catalogue No.: abx160078

Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2/COVID-19) Nucleocapsid Protein (NP) is a recombinant protein expressed in Insect cells.

The SARS-CoV-2 Nucleoprotein (also known as Nucleocapsid Protein or N Protein) is a protein that binds to the RNA in the viral particle. Changes to two amino acids in the nucleoprotein are thought to contribute to the virus' ability to infect humans; this mutation allows the virus to reduce the binding capability of an HLA-C allele found in many Europeans. The nucleoprotein is the second most-common protein in SARS-CoV-2 targeted by the immune system, after the spike protein.

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| Target: | SARS-CoV-2 Nucleocapsid Protein |
| Research Area: | Infection Immunity |
| Origin: | Virus |
| Expression: | Recombinant |
| Tested Applications: | ELISA, WB |
| Host: | Insect |
| Recommended dilutions: | Optimal dilutions/concentrations should be determined by the end user. |
| Conjugation: | Unconjugated |
| Form: | Liquid |
| Purity: | ≥ 85% (SDS-PAGE) |
| Purification: | Purified by affinity chromatography. |
| Storage: | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| Tag: | His tag |
| Buffer: | PBS, pH 7.4. Does not contain preservatives. |
| Concentration: | 4.4 mg/ml |

Datasheet

Version: 6.0.0

Revision date: 05 Sep 2025



Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

This product is shipped with dry ice.

Directions for use: Centrifuge before opening to ensure complete recovery of vial contents.

For Reference Only