



DataSheet

CATALOGUE #: 8COV3

PRODUCT NAME: SARS-CoV-2 Nucleoprotein, recombinant

Source: Expressed in *E. coli*

Description: Nucleoprotein is a full-length SARS-CoV-2 nucleocapsid protein [Severe acute respiratory syndrome coronavirus 2] GenBank: QHD43423.2.

Contains C-terminal GS linker and His10-tag

Theoretical MW 47141 Da including GS linker and His10-tag

Theoretical pI: 10.07

Applications: Antigen for detection of anti-(SARS-CoV-2 nucleocapsid protein) antibodies

Analysis: Purity >95%

Concentration is determined spectrophotometrically at A280

Purification: Metal affinity chromatography

Presentation: Lyophilized from 20 mM Tris-HCl, pH 8.0, 0.5 M NaCl, 0.1% CHAPS

It is recommended to reconstitute this product with deionized water to its initial concentration.

Storage: Lyophilized -20°C (-15...-30 °C allowed)

Reconstituted -70 °C (-65 ... -80 °C allowed)

Other information: Avoid repeated freezing and thawing. It is recommended to aliquot the product after reconstitution.

Material safety note: This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.

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