

CATALOGUE #: 8COV3

PRODUCT NAME: SARS-CoV-2 Nucleoprotein, recombinant

Source:	Expressed in <i>E. coli</i>
Description:	<p>Nucleoprotein is a full-length SARS-CoV-2 nucleocapsid protein [Severe acute respiratory syndrome coronavirus 2] GenBank: QHD43423.2.</p> <p>Contains C-terminal GS linker and His10-tag</p> <p>Theoretical MW 47141 Da including GS linker and His10-tag</p> <p>Theoretical pI: 10.07</p>
Applications:	Antigen for detection of anti-(SARS-CoV-2 nucleocapsid protein) antibodies
Analysis:	<p>Purity >95%</p> <p>Concentration is determined spectrophotometrically at A280</p>
Purification:	Metal affinity chromatography
Presentation:	<p>Lyophilized from 20 mM Tris-HCl, pH 8.0, 0.5 M NaCl, 0.1% CHAPS</p> <p>It is recommended to reconstitute this product with deionized water to its initial concentration.</p>
Storage:	<p>Lyophilized -20°C (-15...-30 °C allowed)</p> <p>Reconstituted -70 °C (-65 ... -80 °C allowed)</p>
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.