



DataSheet

CATALOGUE #: 8COV5

PRODUCT NAME: SARS-CoV-2 nucleoprotein fragment N47-A173, recombinant

Source: Expressed in *E. coli*.

Description: Nucleoprotein, N-terminal fragment, is a fragment N47-A173 of SARS-CoV-2 nucleocapsid protein [Severe acute respiratory syndrome coronavirus 2] GenBank: QHD43423.2.

Contains C-terminal His6-tag

Theoretical MW 14000 Da including His6-tag

Theoretical pI: 9.60

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: 50 mM Phosphate buffer, 8 M urea, 250 mM NaCl, 250 mM imidazole, pH 10.0

Storage: -70°C (-65 ... -80 °C allowed)

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

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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