

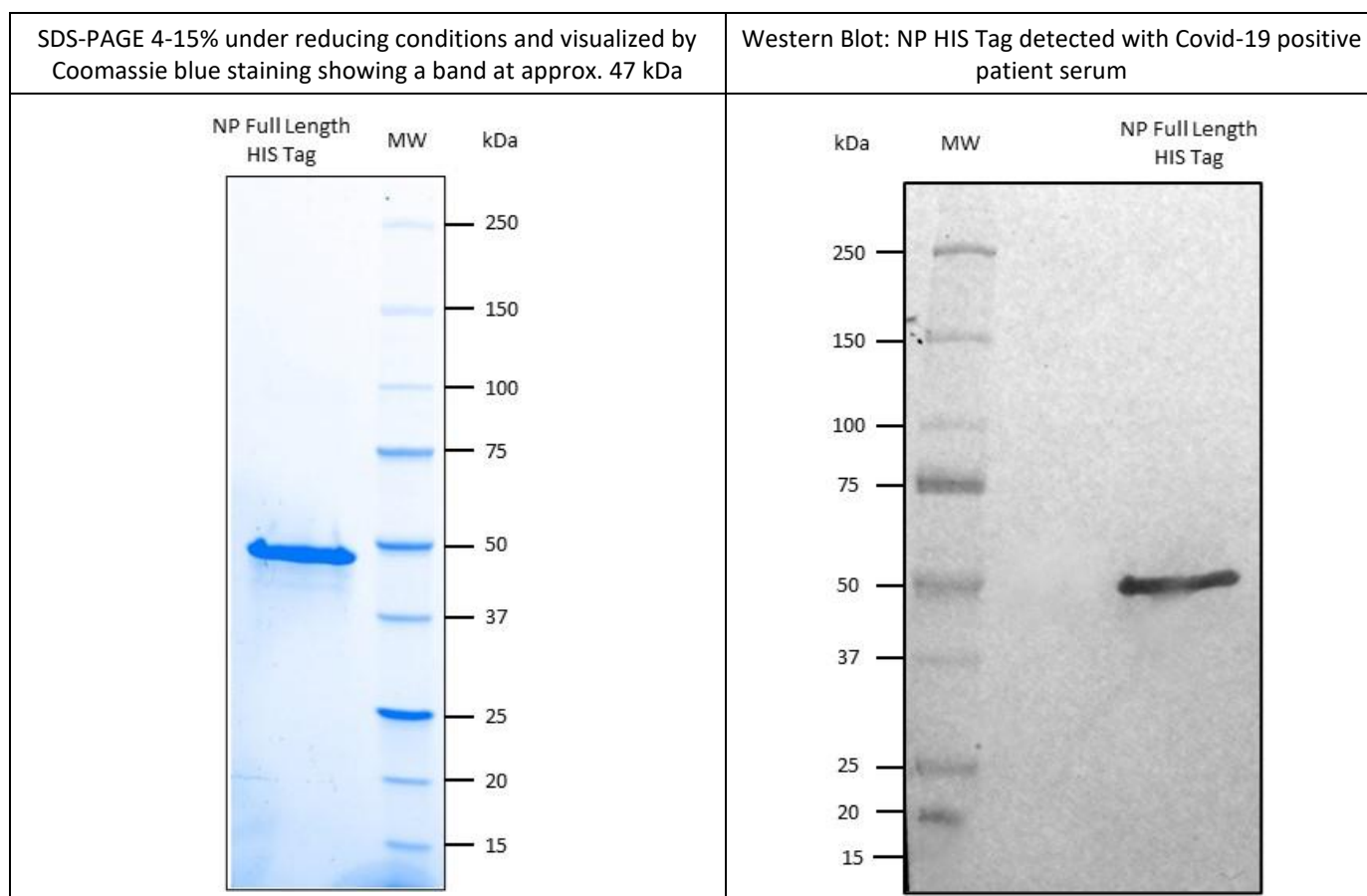
DESCRIPTION

<i>Description</i>	Recombinant Human Coronavirus SARS-CoV-2 Nucleoprotein (NP) NCBI Accession Number: MN908947
<i>Sequence</i>	Met1-Ala419
<i>Expression System</i>	<i>E. coli</i>
<i>Tag</i>	HIS Tag C-Terminus
<i>Purification</i>	Affinity chromatography
<i>Extinction coefficient</i>	43890 M <sup>-1</sup> .cm <sup>-1</sup> Abs 0.1% (=1 g/l) 0.998 assuming all pairs of Cys residues form cystines
<i>Predicted Molecular Weight</i>	46.5 kDa

SPECIFICATIONS

<i>SDS Page</i>	Approx. 47 kDa
<i>Concentration</i>	0.4 mg/ml
<i>Size</i>	100 µg
<i>Purity</i>	>95% by SDS PAGE
<i>Formulation</i>	Tris HCl 20 mM pH 8.0 ; NaCl 150 mM
<i>Activity</i>	Recognized by Covid-19 positive patients serum samples.
<i>Stability and Storage</i>	Store at -20°C. Avoid repeated freeze-thaw cycles

DATA



## SARS-CoV-2 Nucleoprotein

Nucleoprotein (N protein) is one of four structural proteins of Coronavirus (SARS-Cov, SARS-Cov-2, MERS amongst other). The N protein primary function is to package the viral SARS-Cov-2 RNA genome within the viral envelope to form the helical nucleocapsid.

N protein is highly expressed in infected cells from the first days if infection by SARS-Cov-2.

Products Manufactured and Distributed by:

Diaclone SAS

6 Rue Dr Jean-François-Xavier Girod

BP 1985, 25020 Besançon Cedex

France

Tel +33 (0)3 81 41 38 38 Fax +33 (0)3 81 41 36 36

Email: [info@diaclone.com](mailto:info@diaclone.com) [www.diaclone.com](http://www.diaclone.com)

Rec SARS CoV-2 NP 725-H17-0BU

Version 4 06/05/2021