



Recombinant SARS-CoV-2 Nucleocapsid protein N5 fragment (N-ter partially truncated) (DAGC141)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Species	coronavirus
Purity	>95% by SDS-page
Conjugate	His
Applications	ELISA
Molecular Weight	43 kDa
Format	Liquid/freeze-dried
Concentration	1 mg/mL (may vary lot by lot)
Size	1 mg
Buffer	20mM Tris, 300mM NaCl, PH8.5
Preservative	None
Storage	Store at 4°C.

BACKGROUND

Introduction	SARS-CoV-2 is an enveloped virus with a positive-sense RNA genome and a nucleocapsid of helical symmetry. During the assembly of virions, Nucleocapsid protein (NP) binds to viral RNA and leads to formation of the nucleocapsid. Because NP is the most abundant protein of
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coronavirus and has strong immunogenicity, NP can serve as a diagnostic marker for SARS-CoV-2 carriers.

Keywords

SARS-CoV-2; coronavirus; SARS-CoV-2 NP; SARS-CoV-2 Nucleocapsid Protein
