

Product Data Sheet

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SARS-CoV-2 Nucleocapsid with His-Tag

Product Reference: SARSCOV2-NPC2

Nucleocapsid protein recombinant.

Revision date: 12.04.2021
Version: 1.1

Product Data Sheet

Description	SARS-CoV-2 Nucleocapsid with His-Tag
Synonym(s)	Nucleocapsid protein, Nucleoprotein, Protein N, 2019-nCoV novel coronavirus Nucleoprotein Protein,
HS Code:	35040090
Pack Size	100 µg- 1000µg
MW	40 kDa
Form	Liquid
Shipped in	Wet ice
Storage temp.	-20°C.
Expression System	E. Coli
Purity	>90% (High affinity Ni-NTA purification)
Impurities	>1.0 EU/µg protein (LAL test)
GenBank Accession:	N(43740575)

Expanded Data Sheet

Construct	SARS-CoV-2 C-Terminal Nucleocapsid
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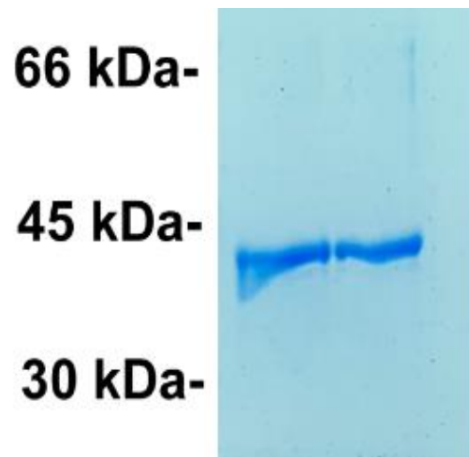
Expanded Data Sheet (continuation)

Isoelectric Point	9,9
Tag(s)	N-terminal His-tag and C-terminal
UniProt Number	QMW48823
Stability	At least 1 year at -80°C.
Formulation	Tris 20mM pH 7,5l
Lot	210315
Concentration	1 mg/ml
References	.

General description

TRecombinant SARS-Cov-2 NP CTD domain with His tag is produced by E. coli expression system. The target protein is expressed with sequence (Thr24-Pro142) of SARS-COV-2(2019-nCoV) Nucleocapsid (Accession # QMW48823.1) fused with a 6XHis at the N-terminus and C-terminus.

Quality Control Data



SDS-Page Coomassie Staining (12%)

Reconstitution

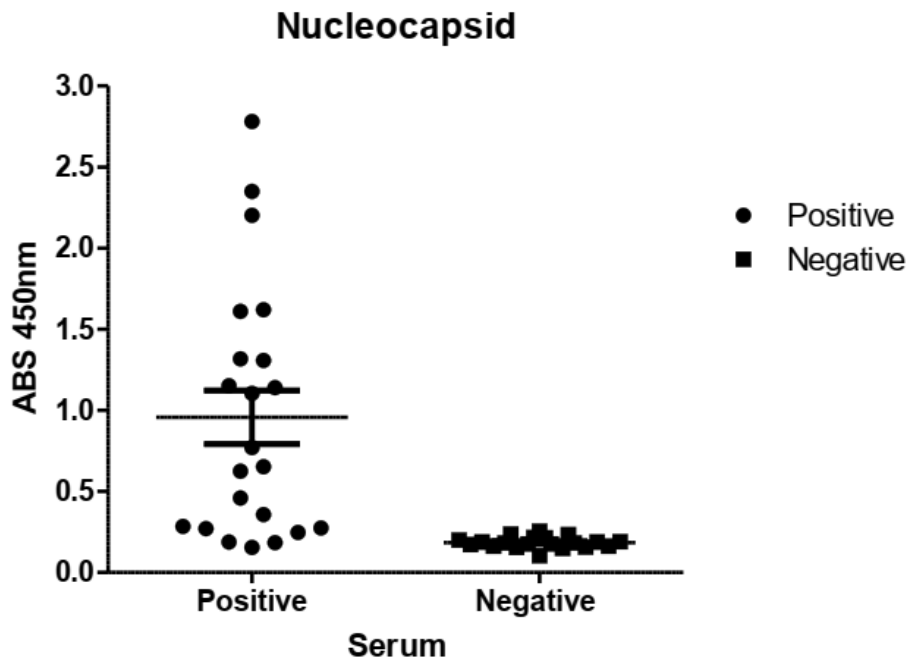
Not applicable.

Storage and Stability

This product is stable at -80°C. for up to 6 months from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature.

Biochem/physiol Actions

Measured by its binding ability in a functional ELISA. Immobilized Recombinant SARS-COV-2 Nucleocapsid at 10µg/mL (100 µL/well) can bind Serum antibody from 23 patients. Measured by its binding ability in a functional ELISA.



Recombinant SARS-Cov-2 NP CTD domain with His tag is produced by E. coli expression system. The target protein is expressed with sequence (Thr24-Pro142) of SARS-COV-2(2019-nCoV) Nucleocapsid (Accession # QMW48823.1) fused with a 6XHis at the N-terminus and C-terminus

Disclaimer

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.

Data presented is the available current product information and provided as-is. These products have not been tested or verified in any additional applications, sample types, including any clinical use. Experimental conditions must be empirically derived by the user.