Datasheet for ABIN6953023

SARS-CoV-2 Nucleocapsid Protein (SARS-CoV-2 N) (AA 1-419) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	SARS-CoV-2 Nucleocapsid (SARS-CoV-2 N)
Protein Characteristics:	AA 1-419
Origin:	SARS Coronavirus-2 (SARS-CoV-2)
Source:	CHO Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SARS-CoV-2 Nucleocapsid protein is labelled with His tag.

Product Details

Characteristics:	DNA sequence encoding the COVID-19 Nucleocapsid protein domain ,amino acids[1-419] (accession# YP_009724397.2) including a C-terminal His tag was expressed in CHO Cells.
Purity:	>95 % as determined by SDS-PAGE and HPLC
Endotoxin Level:	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/µg(1EU/µg).

Target Details

Target:	SARS-CoV-2 Nucleocapsid (SARS-CoV-2 N)
Alternative Name:	SARS-CoV-2 Nucleocapsid Protein (SARS-CoV-2 N Products)
Target Type:	Viral Protein

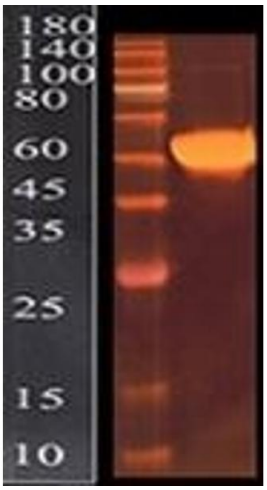
Application Details

Comment:	Recombinant 2019-nCoV Nucleocapsid protein is a protein consisting of 431 amino acid residues ,due to glycosylation migrates as an approximately 70 kDa protein on SDS-PAGE.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers
Buffer:	Recombinant nCoV-2019 Nucleocapsid protein was lyophilized from 0.2 μm filtered PBS, pH 7.4.
Storage:	-20 °C
Storage Comment:	The lyophilized protein is stable for at least 2 years from date of receipt at -20° C.

Images



SDS-PAGE

Image 1. The recombinant Nucleocapsid-His protein migrates as 70 kDa due to glycosylation