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Datasheet for ABIN7520459

**SARS-CoV-2 Nucleocapsid Protein (SARS-CoV-2 N)  
(Arg203Met, Asp63Gly, Asp377Tyr) (His tag)**

Overview

Quantity:	100 µg
Target:	SARS-CoV-2 Nucleocapsid (SARS-CoV-2 N)
Protein Characteristics:	Arg203Met, Asp377Tyr, Asp63Gly
Origin:	SARS Coronavirus-2 (SARS-CoV-2)
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This SARS-CoV-2 Nucleocapsid protein is labelled with His tag.

Product Details

Purpose:	Active Recombinant SARS-COV-2 Nucleocapsid(D63G,R203M,D377Y) Protein
Sequence:	SDNGPQNRN APRITFGGPS DSTGSNQNGE RSGARSKQRR PQGLPNNTAS WFTALTQHGK EGLKFRGQG VPINTNSSPD DQIGYYRRAT RRIRGGDGKM KDLSRWYFY YLGTGPEAGL PYGANKDGII WVATEGALNT PKDHIGTRNP ANNAIVLQL PQGTTLPKGF YAEGRGGSQ ASSRSSRSR NSSRNSTPGS SMGTSPARMA GNGGDAALAL LLLDRLNLE SKMSGKGQQQ QGQTVTKKSA AEASKKPRQK RTATKAYNVT QAFGRRGPEQ TQGNFGDQEL IRQGTDYKHW PQIAQFAPSA SAFFGMSRIG MEVTPSGTTL TYTGAIKDD KDPNFKDQVI LLNKHIDAYK TFPTEPKKD KKKKAYETQA LPQRQKQQT VLLPAADLD DFSKQLQQSM SSADSTQA
Specificity:	Ser2-Ala419(D63G,R203M,D377Y)
Purity:	> 95 % by SDS-PAGE.> 95 % by HPLC.
Sterility:	0.22 µm filtered

## Product Details

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Endotoxin Level:	<0.1EU/μg
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV-2 Envelope at 2 μg/mL (100 μL/well) can bind SARS-COV-2 Nucleocapsid with a linear range of 0.01-30 ng/mL.

## Target Details

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Target:	SARS-CoV-2 Nucleocapsid (SARS-CoV-2 N)
Alternative Name:	SARS-COV-2 Nucleocapsid ( <a href="#">SARS-CoV-2 N Products</a> )
Target Type:	Viral Protein
Background:	Nucleoprotein
Gene ID:	43740575

## Application Details

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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
Concentration:	0.9 mg/mL
Buffer:	Supplied as a 0.22 μm filtered solution in 20 mM Tris, 500 mM NaCl, 0.1 mM EDTA, 10 % glycerol, pH 8.0.
Storage:	-80 °C
Storage Comment:	This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature.