

SARS-Related Coronavirus 2, B.1.1.529 (Omicron) Nucleocapsid Protein with N-Terminal Histidine Tag, Recombinant from *E. coli*

Catalog No. NR-56478

Sino Biological Catalog No. 40588-V07E34

Product Description:

A recombinant form of the nucleocapsid protein from severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2), B.1.1.529 (Omicron) which originated in South Africa was produced in *E. coli* and purified. NR-56478 contains 423 residues of the SARS-CoV-2 nucleocapsid protein (GenPept: [YP_009724397](#)), contains mutations P13L, ERS31-33 deletion, R203K and G204R and features a poly-histidine tag at the N-terminus.

Lot: ME15DE0701

Manufacturing Date: 07DEC2021

TEST	SPECIFICATIONS	RESULTS
Appearance	Transparent liquid, free of foreign material	Transparent liquid, free of foreign material
Purity SDS-PAGE and Quantitative Densitometry SEC-HPLC	Target protein band(s) > 90% Target protein band(s) > 90%	Target protein band(s) 99% Target protein band(s) 99.8%
Concentration (A₂₈₀)	Report results	0.83 mg/mL
Final Product Amount per vial Volume per vial	Report results Report results	50 µg ~60 µL
pH	7.4 ± 0.5	7.4 ± 0.5

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13 MAR 2023

Technical Manager or designee, ATCC Federal Solutions

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