

**Nucleocapsid Protein from SARS-Related Coronavirus 2, Wuhan-Hu-1 with C-Terminal Histidine Tag, Recombinant from Baculovirus**

**Catalog No. NR-53797**

**Sino Biological Catalog No. 40588-V08B**

**Product Description:**

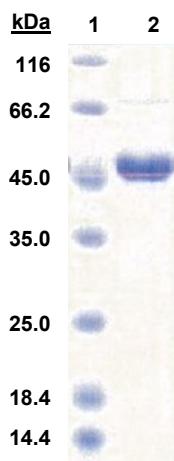
A recombinant form of the nucleocapsid (N) protein from severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2), Wuhan-Hu-1 (GenPept: [YP\\_009724397](#)) was produced by transfection in insect cells using a baculovirus expression system and purified. NR-53797 contains the full-length SARS-CoV-2 N protein with one mutation, G335A, and features a C-terminal poly-histidine tag.

**Lot: MF14DE1611**

**Manufacturing Date: 12DEC2020**

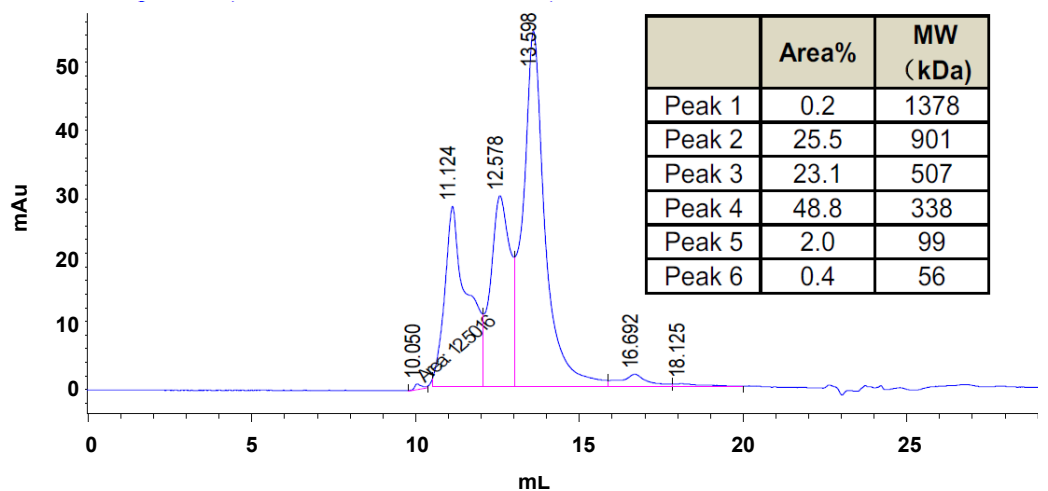
TEST	SPECIFICATIONS	RESULTS
<b>Appearance</b>	Transparent liquid, free of foreign material	Transparent liquid, free of foreign material
<b>Purity</b> SDS-PAGE and Quantitative Densitometry SEC-HPLC	Target protein band(s) > 90 ± 3% Report results	Target protein band(s) 91.0% (Figure 1) Target protein band(s) > 95% (Figure 2)
<b>Concentration (A<sub>280</sub>)</b>	Report results	0.84 mg per mL
<b>Final Product</b> Amount per vial Volume per vial	Report results Report results	50 µg 60 µL
<b>pH</b>	8 ± 0.5	8 ± 0.5
<b>Endotoxin Content</b> (Limulus Amoebocyte Lysate Assay)	< 1 EU per µg	< 1 EU per µg

**Figure 1: SDS-PAGE**



Lane 1: MW ladder  
Lane 2: NR-53797

**Figure 2: SEC-HPLC**



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Program Manager or designee, ATCC Federal Solutions

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