

SARS-CoV-2 Nucleocapsid Protein, CHO

Catalogue #	P-301-100
Synonyms:	coronavirus NP; coronavirus Nucleocapsid; coronavirus Nucleoprotein; cov np; ncov NP; NCP-CoV Nucleocapsid; novel coronavirus NP; novel coronavirus Nucleocapsid; novel coronavirus Nucleoprotein; np; nucleocapsid; Nucleoprotein
Uniprot ID:	P0DTC9
MW:	46.9 kDa
Host:	CHO-based cell line (expressed by QMCF Technology)
Purification:	Metal-affinity chromatography following gel filtration. Protein is sterile-filtrated through 0.22 µm filter.
Concentration:	1 mg/ml
Buffer:	PBS pH 7.4
Endotoxine:	NA
QC:	SDS-PAGE NanoDrop A280 Analytical SEC
Shipping:	Shipped on dry ice
Storage:	Store at -70°C upon receipt. Recommended to aliquot into smaller quantities. Avoid repeated freeze-thaw cycles
Custom price	Custom quantity - ask quotation

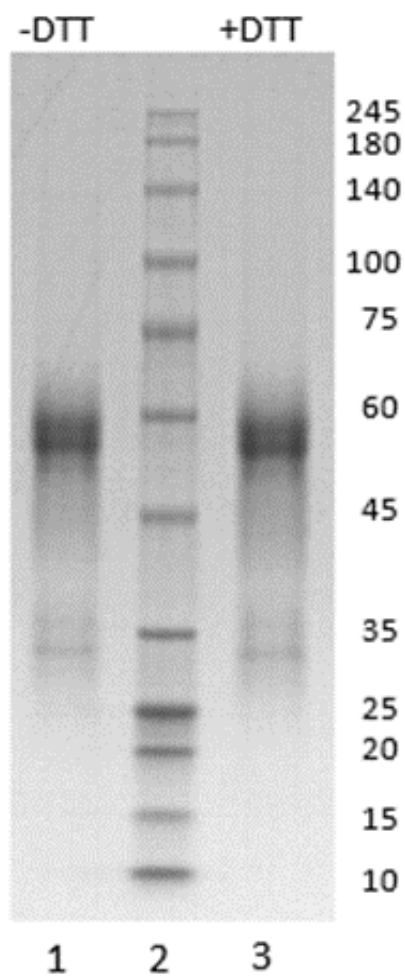
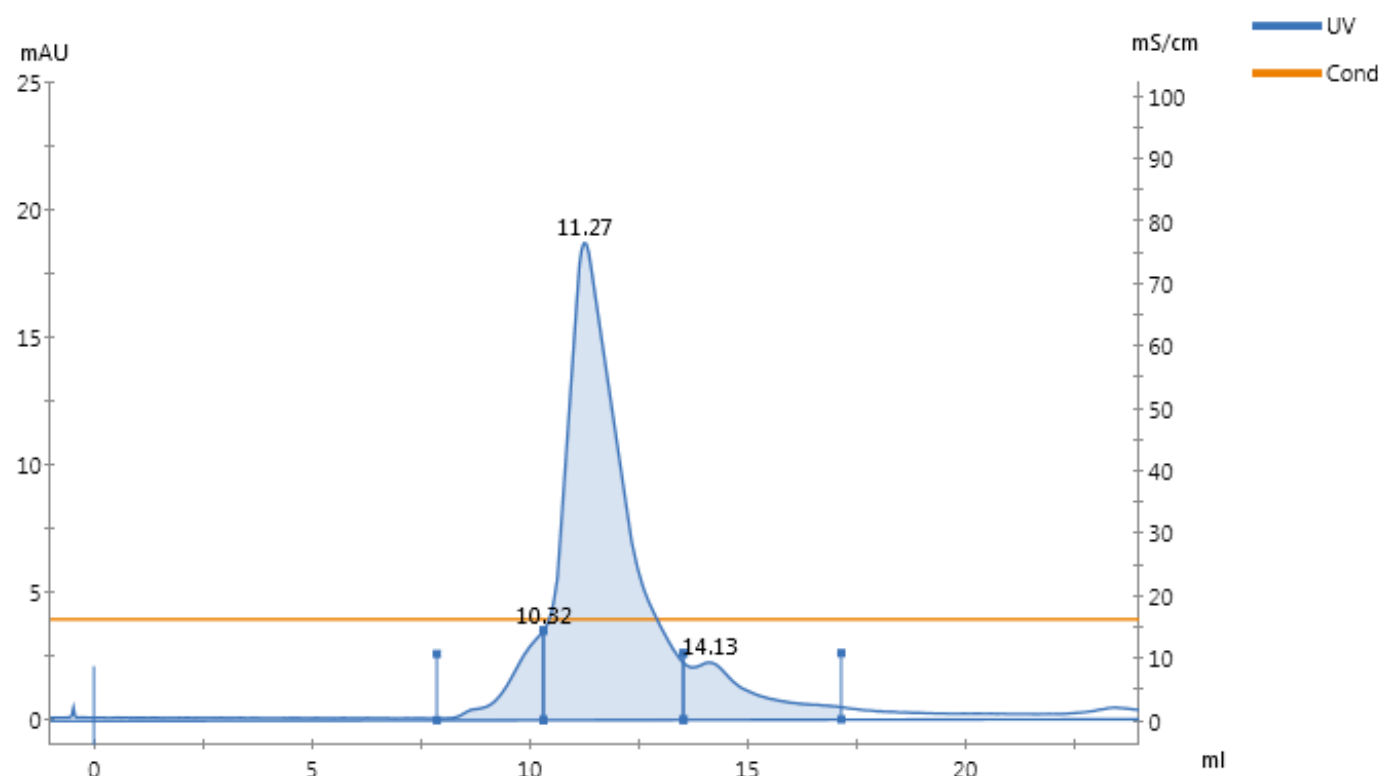


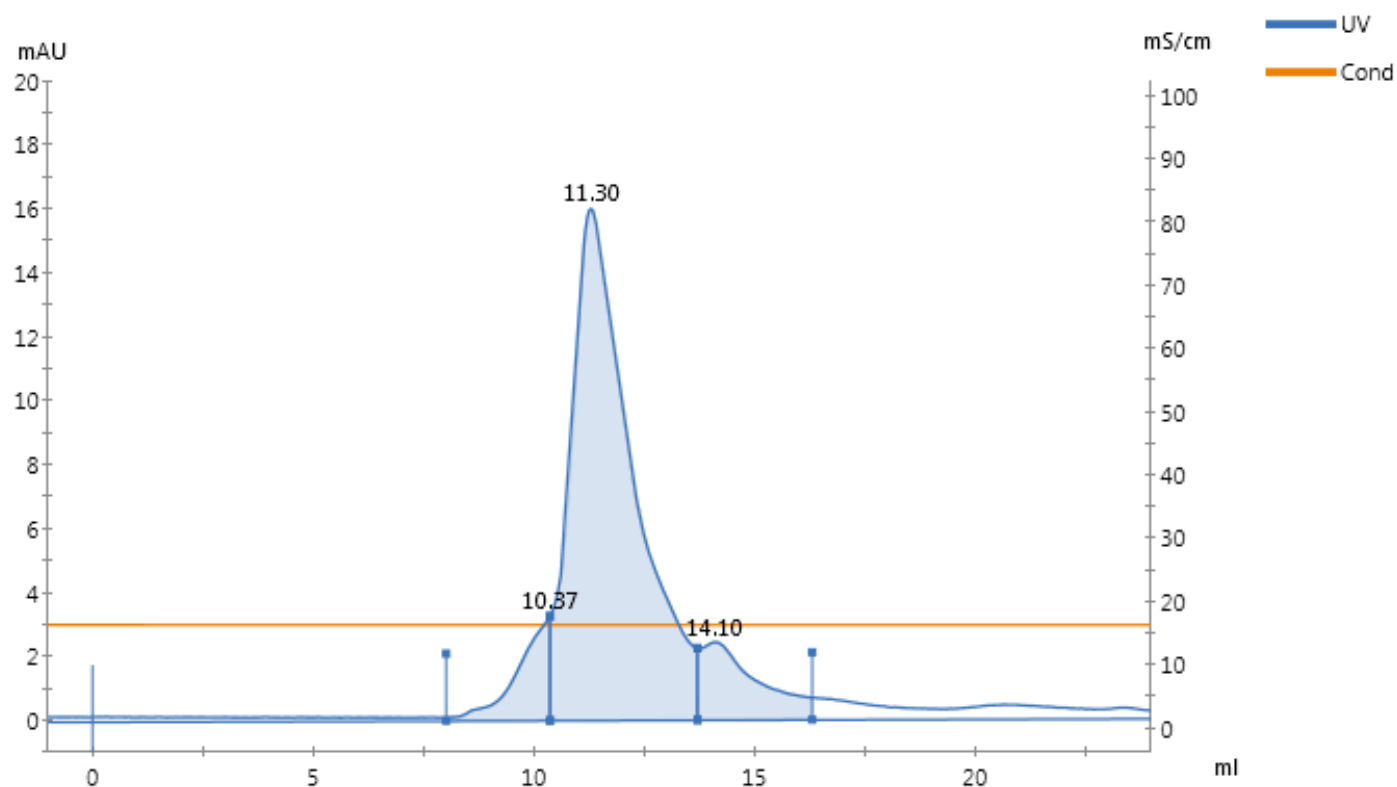
Figure 1. SDS-PAGE analysis in reduced and non-reduced conditions. 2 μ g of recombinant SARS-CoV-2 Nucleocapsid-His Protein was loaded per lane. Lane 1. SARS-CoV-2 Nucleocapsid protein (+DTT). Lane 2. Size marker. Lane 3. SARS-CoV-2 Nucleocapsid protein (-DTT).



Peak Table - UV

Peak	Retention ml	Area ml*mAU	Area %	
Peak A	10.318	2.812	7.95	
Peak B	11.272	28.27	79.96	
Peak C	14.132	4.274	12.09	

Figure 2. Superdex-200 analytical SEC for not frozen SARS-CoV-2 Nucleocapsid protein.



Peak Table - UV

Peak	Retention ml	Area ml*mAU	Area %	
Peak A	10.371	2.638	8.18	
Peak B	11.301	25.85	80.18	
Peak C	14.102	3.755	11.64	

Figure 3. Superdex-200 analytical SEC for SARS-CoV-2 Nucleocapsid protein after 3 freeze-thaw cycles.