

**Promab Biotechnologies' new product development programs are being designed for COVID-19 research and development.**

Order Information		
Catalog#	Size	Price
Pr40003	25ug	\$300.00
Description		
The nucleocapsid protein is a structural protein that binds to the coronavirus RNA genome, thus creating a shell/capsid around the enclosed nucleic acid. The fragmented nucleocapsid or N protein (amino acids 240-419) was designed with a His tag.		
Specifications		
Gene ID	MN908947.3	
Expression Host	E. coli, bacterial	
Species	E. coli BL21	
Molecular Weight	29 kDa	
Sequence	240-419aa	
Formulation	Sterile PBS	
Purity	>95% visualized by SDS-PAGE under reducing conditions	
Storage	Store at -20°C to -80°C. Avoid repeated freezing/thawing cycles. Thawed protein can be stored at 4°C for a limited period of time.	
Application		
SDS-PAGE, ELISA, WB, other biochemical assays such as high-throughput screening of small molecule drugs, antibodies, phage display assay.		
References		
Kruse R. Therapeutic strategies in an outbreak scenario to treat the novel coronavirus originating in Wuhan, China. 2020. F1000Research, 9:72 Last updated: 31 JAN 2020		
Xintian Xu, Ping Chen, Jingfang Wang, Jiannan Feng, Hui Zhou, Xuan Li, Wu Zhong, & Pei Hao. Evolution of the novel coronavirus from the ongoing Wuhan outbreak and modeling of its spike protein for risk of human transmission. 2020. Sci China Life Sci 63, <a href="https://doi.org/10.1007/s11427-020-1637-5">https://doi.org/10.1007/s11427-020-1637-5</a>		

**Products and Services**

- Mouse Monoclonal Antibody
- Bispecific Antibody
- Human Antibody
- Hybridoma Sequencing
- Polyclonal Antibody

## Data

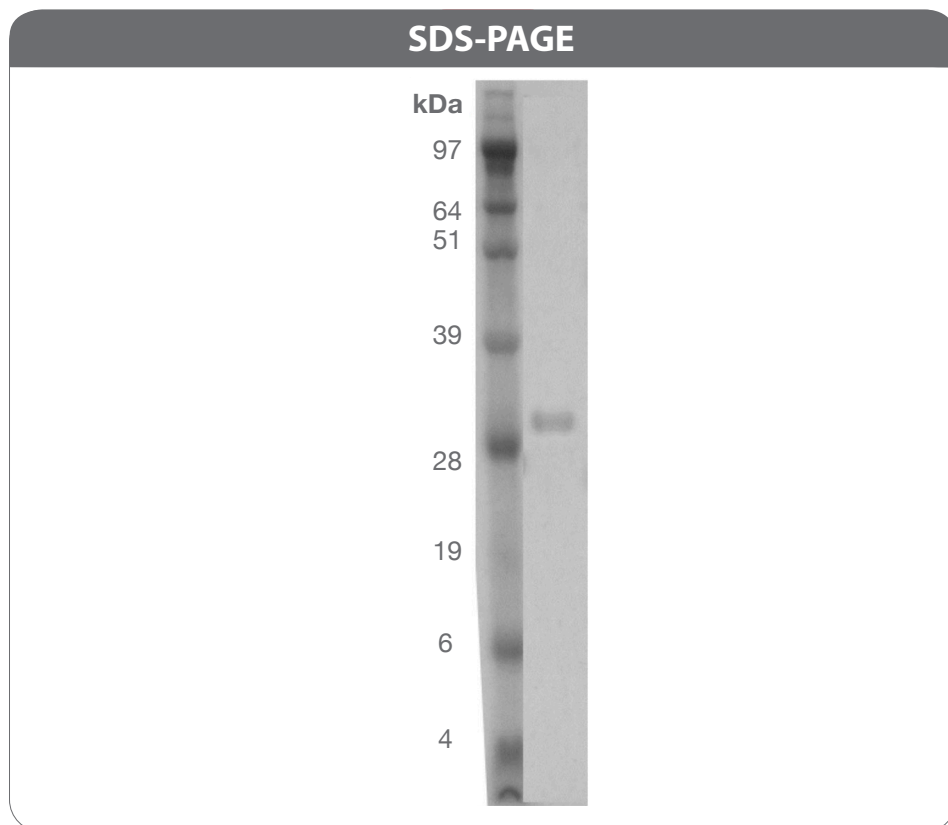


Figure 1. SDS page of recombinant NP3-His. The band was confirmed by Western blot with anti-His tag antibody (not shown).

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