



Recombinant SARS-CoV-2 Nucleocapsid Protein [His] (DAGC196)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Recombinant SARS-CoV-2 full length of Nucleocapsid phosphoprotein, (His)6 tag at both ends
Nature	Recombinant
Expression System	HEK293 cells
Species	SARS-CoV-2
Purity	Greater than 95% (analysis by SDS-PAGE Coomassie brilliant blue stained gel)
Conjugate	His
Applications	ELISA, WB
Molecular Weight	~60kDa (It's larger than calculated MW due to potential post-translational modification)
Procedure	None
Format	Liquid
Size	100ug
Buffer	10mM Tris-HCl(pH8.0), 60mM imidazole, 500mM NaCl, 10% Glycerin
Preservative	None
Storage	Store at -20°C for half a year in its original formulation. Avoid freeze-thaw cycles of the protein solution.

BACKGROUND

Introduction The 2019 novel coronavirus (SARS-CoV-2), also known as the Wuhan coronavirus, is a contagious virus that causes respiratory infection and has shown evidence of human-to-human transmission, first identified by authorities in Wuhan, Hubei, China, as the cause of the ongoing 2019-20 Wuhan coronavirus outbreak. Genomic sequencing has shown that it is a positive-sense, single-stranded RNA coronavirus.

Keywords SARS-CoV-2; coronavirus; SARS-CoV-2 NP; SARS-CoV-2 Nucleocapsid Protein