



Recombinant SARS-CoV-2 Nucleocapsid Protein (truncated) [His] (DAGC156)

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

PRODUCT INFORMATION

Species	immunoassay
Purity	> 95% as determined by SDS-PAGE
Conjugate	His
Applications	SDS-PAGE
Molecular Weight	28 KDa
Format	Lyophilized
Size	1 mg
Buffer	25mM Tirs-HCl, 0.02%SDS, pH 8.5
Preservative	None
Storage	Short-term store at 2-8°C. Long term store at -20°C. Avoid repeated freeze-thaw cycles.

BACKGROUND

Introduction Coronavirus N protein is required for coronavirus RNA synthesis, and has RNA chaperone activity that may be involved in template switch. Nucleocapsid protein is a most abundant protein of coronavirus. N protein packages the positive strand viral genome RNA into a helical ribonucleocapsid (RNP) and plays a fundamental role during virion assembly through its interactions with the viral genome and membrane protein M. Plays an important role in enhancing the efficiency of subgenomic viral RNA transcription as well as viral replication. Because of the conservation of N protein sequence and its strong immunogenicity, the N

protein of coronavirus is chosen as a diagnostic tool.

Keywords

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