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Recombinant SARS-CoV-2 (2019-nCoV) NSP9 (His & AVI Tag)

Catalog No.	CSI99001	Quantity:	100 µg
Alternate Names:	Non-structural protein 9, nsp9		
Description:	Non-structural protein 9 is one of 15 chains cleaved from Replicase polyprotein 1ab. The nsp7, nsp8, nsp9 and nsp10 are localized in cytoplasmic foci, largely host perinuclear region. Late in infection, they merge into confluent complexes. Nsp9 may participate in viral replication by acting as a ssRNA-binding protein.		
UniProt ID:	P0DTD1		
Accession Number:	YP_009725305.1		
Protein Construction:	A DNA sequence encoding the SARS-CoV-2 (2019-nCoV) NSP9 Protein (His1-Lys113) was expressed with a polyhistidine tag at the N-terminus and a C-terminal AVI tag.		
Source:	E. coli		
Formulation:	Lyophilized from sterile 50mM Tris, 150mM NaCl, 2mM βME, pH 7.4 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.		
Molecular Weight:	The recombinant SARS-CoV-2 (2019-nCoV) NSP9 Protein consists of 140 amino acids with a predicted molecular mass of 15.46 kDa.		
Purity:	> 90 % as determined by SDS-PAGE.		
Biological Activity:	Testing in progress		
Predicted N-terminal:	Met		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipette the solution up and down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution.		
Storage & Stability:	Stable for up to 1 year from date of receipt at -20°C to -80°C. It is recommended to store working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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