

ORF7a

Recombinant SARS-CoV-2 ORF7a / Protein U122, N-His Tag

Catalog No.	YVV02101A YVV02101B	Quantity:	100 µg 1.0 mg
Alternate Names:	ORF7a protein, ORF7a, Accessory protein 7a, Protein U122, Protein X4, 7a		
Description:	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) (SARS-CoV-2) ORF7a protein plays a role as antagonist of host tetherin (BST2), disrupting its antiviral effect.		
UniProt ID:	P0DTC7		
Species:	SARS-CoV-2		
Protein Construction:	Glu16-Tyr97		
Source:	<i>E. coli</i>		
Formulation:	Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.		
Molecular Weight:	11.93 kDa, predicted		
Purity:	> 95 % as determined by SDS-PAGE.		
Applications:	SDS-PAGE, Western Blot, ELISA, Immunogen		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to a concentration of 1.0 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. After reconstitution, stable for 1 week at 2-8°C, or store working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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