Elabscience®

Recombinant SARS-CoV-2 NP (Truncated) (His Tag)

Catalog Number: PKSR030537

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Calculated MW36.2Observed MW381AccessionQHBio-activityImrbinbinPropertiesbinPurity>9ConcentrationSubEndotoxinPleaseStorageStoShippingThipart	RS-CoV-2 2 kDa kDa D43423.2 nobilized Recombinant 2019-nCoV NP (Truncated) at 2µg/ml (100 µl/well) can d Anti-2019-nCoV NP Antibody (6G9), the ED ₅₀ for this effect is 4. 8 ng/ml.
Calculated MW36.2Observed MW38.1AccessionQHBio-activityImrBio-activityImrPropertiesImrPurity> 9ConcentrationSubEndotoxinPleaseStorageStoShippingThiFormulationSupDataMKkDaMKR120MK	2 kDa kDa D43423.2 nobilized Recombinant 2019-nCoV NP (Truncated) at 2μg/ml (100 μl/well) can
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Bio-activity Imr bind Properties Purity >9 Concentration Sub Endotoxin Plea Storage Sto Shipping Thi pac Formulation Sup Data kDa MK R 120	nobilized Recombinant 2019-nCoV NP (Truncated) at $2\mu g/ml$ (100 $\mu l/well$) can
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Properties > 9 Purity > 9 Concentration Substrate Endotoxin Please Storage Sto Shipping This Formulation Supstrate Data MK R 120 MK R	d Anti-2019-nCoV NP Antibody (6G9) the ED for this effect is 4_8 ng/ml
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Concentration Sub Endotoxin Plea Storage Sto Shipping Thi Formulation Sup Data KDa MK R 120	
Endotoxin Pleat Storage Sto Shipping This part Surger Data KDa MK R 120 KCA MK R	5 % as determined by reducing SDS-PAGE.
Storage Sto Shipping Thi Par Formulation Sup Data KDa MK R 120	pject to label value.
Shipping Thi pace Formulation Sup Data kDa MK R 120	ase contact us for more information.
Formulation Sup Data KDa MK R 120	re at $<$ -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Formulation Sup Data kDa MK R 120	s product is provided as liquid. It is shipped at frozen temperature with blue ice/gel
Data kDa MK R 120	cks. Upon receipt, store it immediately at $< -20^{\circ}$ C.
kDa MK R 120	pplied as a 0.2 µm filtered solution of PBS, pH7.4.
120	
60 40 30 20	

Background

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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.