Biotinylated SARS-COV-2 Nucleocapsid Protein CTD Domain Protein

Cat. No. CTD-VE4NPB

Description

Source	Recombinant Biotinylated SARS-COV-2 Nucleocapsid Protein CTD Domain Protein is expressed from E.coli with His tag and Avi tag at the N-Terminus.
	It contains Gly243-Pro364.
Accession	QHD43423.2
Molecular Weight	The protein has a predicted MW of 17 kDa same as Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

Formulation and Storage

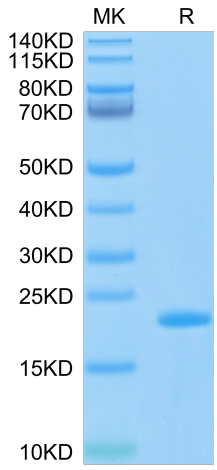
Formulation	Supplied as 0.22μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Nucleocapsid protein (N) is the major viral structural component; its main function is to protect and encapsidate the viral RNA forming viral RNP complex. It is encoded by the S segment vRNA and is abundantly expressed in the cytoplasm of infected cells.

Assay Data

Tris-Bis PAGE



Biotinylated SARS-COV-2 Nucleocapsid CTD Domain on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

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