

Biotinylated SARS-COV-2 Nucleocapsid Protein CTD Domain Protein

Cat. No. CTD-VE4NPB

Description

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| 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-terminal. 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

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| Formulation | Supplied as 0.22µm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label. |
| 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 do not repeated 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 Protein CTD Domain on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.