

Biotinylated SARS-COV-2 Nucleocapsid Protein NTD Domain Protein

Cat. No. NTD-VE4NPB

Description

Source	Recombinant Biotinylated SARS-COV-2 Nucleocapsid Protein NTD Domain Protein is expressed from E.coli with His tag and Avi tag at the N-Terminus. It contains Leu64-Ser180.
Accession	QHD43423.2
Molecular Weight	The protein has a predicted MW of 16.3 kDa same as Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

Formulation	Supplied as 0.22µm filtered solution in 50mM Tris, 500mM NaCl, 10 Glycerol (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

Bis-Tris PAGE



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