

# SARS-COV-2 Nucleocapsid Protein NTD Domain Protein

Cat. No. NTD-VE4NP

| Description      |  |
|------------------|--|
| Source           | Recombinant SARS-COV-2 Nucleocapsid Protein NTD Domain Protein is expressed from E.coli with His tag and Avi tag at the N-Terminus.<br>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   |

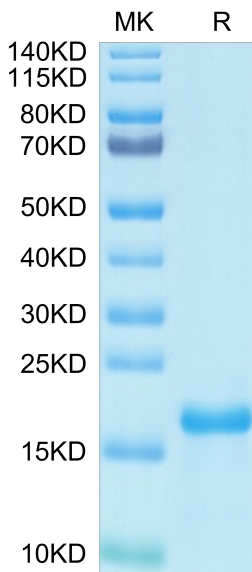
| Formulation and Storage |  |
|-------------------------|--|
| Formulation             | Supplied as 0.22µm filtered solution in 50mM Tris, 500mM NaCl, 10% Glycerol (pH 7.4).  |
| Storage                 | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein 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



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