BIOZOL
Diagnostica Vertrieb GmbH, Oehleckerring 11-13
22419 Hamburg, Germany
Telephone: +49 (0)89 3799666-6 | **Fax:** +49 (0)89 3799666-99
E-Mail: info@biozol.de

Product Datasheet

Recombinant 2019-nCoV NP NTD domain V2
EBT-EPT233

Article Name	Recombinant 2019-nCoV NP NTD domain V2
Biozol Catalog Number	EBT-EPT233
Supplier Catalog Number	EPT233
Alternative Catalog Number	EBT-EPT233-1
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant SARS-CoV-2 NP NTD domain is produced by our E.coli expression system and the target gene encoding Gly44-Ser180 is expressed with a 6His tag at the N-terminus....
Molecular Weight	Molecular weight: 18.7kDa. Apparent molecular weight: 18kDa, reducing conditions
UniProt	QHD43423.2
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Application Notes	Background: 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