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Product Datasheet

Recombinant 2019-nCoV NSP10 (N-6His) EBT-EPT002

Article Name	Recombinant 2019-nCoV NSP10 (N-6His)
Biozol Catalog Number	EBT-EPT002
Supplier Catalog Number	EPT002
Alternative Catalog Number	EBT-EPT002-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant 2019-nCoV NSP10 is produced by our E.coli expression system and the target gene encoding Ala1-Gln139 is expressed with a 6His tag at the N-terminus....
Molecular Weight	Molecular weight: 17.9 KDa. Apparent molecular weight: 18 KDa, reducing conditions
UniProt	YP_009725306.1
Purity	Greater than 80% as determined by reducing SDS-PAGE.
Application Notes	Background: Nsp10 have shown that it is a 15-kDa protein of unknown function that has been shown to interact with itself, nsp1, and nsp7. It colocalizes with N to sites of viral replication and is essential for replication. It plays a pivotal role in viral transcription by stimulating both nsp14 3'-5' exoribonuclease and nsp16 2'-O-methyltransferase activities. Therefore plays an essential role in viral mRNAs cap methylation. Nsp10 is a critical regulator of coronavirus RNA synthesis and may play an important role in polyprotein processing