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Product Datasheet

Recombinant 2019-nCoV NSP7 (C-6His) EBT-EPT186

Article Name	Recombinant 2019-nCoV NSP7 (C-6His)
Biozol Catalog Number	EBT-EPT186
Supplier Catalog Number	EPT186
Alternative Catalog Number	EBT-EPT186-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant 2019-nCoV NSP7 is produced by our E.coli expression system and the target gene encoding Ser1-Gln83 is expressed with a 6His tag at the C-terminus....
Molecular Weight	Molecular weight: 12.3 KDa. Apparent molecular weight: 12 KDa, reducing conditions
UniProt	YP_009725303.1
Purity	Greater than 85% as determined by reducing SDS-PAGE.
Application Notes	Background: The 30kb positive-stranded RNA genome of coronaviruses encodes a replication/transcription machinery that is unusually complex and composed of 16 nonstructural proteins (nsps). The four proteins nsp7 to nsp10, which are conserved among all CoVs but have no functional homologs outside of the Coronaviridae, are translated as part of the viral polyproteins pp1a and pp1ab, and the mature proteins are released by the action of the SARS-CoV protease nsp5. Hexadecamer of nsp7 and nsp8 may possess dsRNA-binding activity. SARS-CoV 2 nonstructural protein 7 (nsp7) is of interest for its potential roles in the transcription and replication of the positive-stranded viral RNA genome