

Product datasheet for **TP727644**

2019-nCoV Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant 2019-nCoV NSP10 (N-6His)
Species:	2019-nCoV
Expression cDNA Clone or AA Sequence:	Ala1-Gln139
Tag:	N-6His-Avi
Buffer:	Supplied as a 0.2 um filtered solution of PBS, 10% Glycerol, pH 7.4.
Note:	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.
Stability:	12 months from date of despatch
Summary:	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.



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