

Recombinant SARS-CoV-2 (Covid-19) NSP10

CatalogNo: YD2188

Key Features

Reactivity

- Human virus

Applications

- ELISA, ECL, Immunogold,

MW

- 17.99kDa (Calculated)
18kDa (Observed)

Recommended Dilution Ratios

Testing in progress

Storage

Storage*

Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 °C for one week . Store at -20 to -80 °C for twelve months from the date of receipt.

Basic Information

Source	E.coli
Purification	E.coli
Purity	>90% as determined by SDS-PAGE

Immunogen Information

Target Information

Gene name ORF1ab

Protein Name	nsp10,GFL		
	Organism	Gene ID	UniProt ID
	Human	YP_009725306.1;	
Function	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.		

| Validation Data

| Contact information

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Recombinant SARS-CoV-2
(Covid-19) NSP10

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