

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

CatalogNo: YD2188

## Key Features

### Reactivity

- Human virus

### MW

- 17.99kD (Calculated)
- 18kD (Observed)

## 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.

## Recommended Dilution Ratios

## Basic Information

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

## Immunogen Information

## Target Information

**Gene name** ORF1ab

<b>Protein Name</b>	nsp10,GFL		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">YP_009725306.1;</a>	
<b>Function</b>	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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## | Validation Data

## | Contact information

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Please scan the QR code to access additional product information:  
**Recombinant SARS-CoV-2(Covid-19) NSP10**

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