

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

CatalogNo: YD2188

Key Features

Reactivity

Human virus

MW

• 17.99kDa (Calculated) 18kDa (Observed)

Applications

• ELISA, ECL, Immunogold,

Recommended Dilution Ratios

Testing in progress

Storage

Storage*

Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 $^{\circ}$ C for one week . Store at -20 to -80 $^{\circ}$ 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

Orders: order@immunoway.com
Support: tech@immunoway.com

Telephone: 877-594-3616 (Toll Free), 408-747-0185

Website: http://www.immunoway.com

Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:

Recombinant SARS-CoV-2

(Covid-19) NSP10

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Antibody | ELISA Kits | Protein | Reagents