

Recombinant SARS-CoV-2 (Covid-19) NSP8

CatalogNo: YD2198

Key Features

Reactivity

- Human virus

Applications

- ELISA, ECL, Immunogold,

MW

- 24kD (Calculated)
24kD (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	SARS-CoV 2 nsp8		
	Organism	Gene ID	UniProt ID
	Human	YP_009725304.1;	
Function	<p>Cleavage by the viral main protease, 3CLpro results in generating the nsp8 protein, The nsp8 protein has been shown to associate with several other nsps and to colocalize with these nsps in cytoplasmic complexes that are important for viral RNA synthesis. It forms a hexadecamer with nsp7 (8 subunits of each) that may participate in viral replication by acting as a primase. Alternatively, may synthesize substantially longer products than oligonucleotide primers. Nsp8 was shown to have RNA-dependent RNA polymerase (RdRp) activity that could be involved in producing primers utilized by nsp12 which is normally accepted to be the RdRp for SARS-CoV.</p>		

Validation Data

Contact information

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 product information:
**Recombinant SARS-
 CoV-2 (Covid-19)
 NSP8**

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