

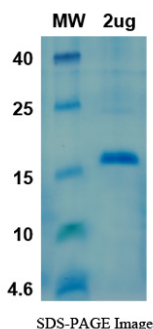
## Product Details

### Summary

<b>Product name</b>	Recombinant 2019-nCoV NSP10
<b>Catalog#</b>	ATEP02446COV
<b>description</b>	Recombinant SARS-CoV-2 NSP10 is produced by E.coli expression system and the target gene encoding Ala4254-Ser4393 is expressed with N-His Tag.
<b>Expression system</b>	E.coli
<b>Species</b>	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)
<b>Accession #</b>	P0DTC1
<b>Alternative names</b>	nsp10,GFL
<b>Predicted Molecular Mass</b>	17.99kDa
<b>Actual Molecular Mass</b>	
<b>Purity</b>	>90% as determined by SDS-PAGE
<b>Endotoxin level</b>	Please contact with the lab for this information.
<b>Formulation</b>	Lyophilized. Lyophilized from PBS pH7.4, 0.02% NLS, 1mM EDTA, 4% trehalose, 1% mannitol.
<b>Shipping</b>	In general, proteins are shipped out with blue ice unless customers require otherwise.
<b>Stability &amp; Storage</b>	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.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution.
<b>Application</b>	Immunogen



## SDS-PAGE image



## Background

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.

## Product performance

Form

Recombinant SARS-CoV-2(2019-nCoV) NSP10

## Note

For research use only.