

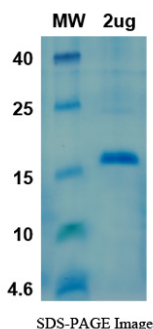
Product Details

Summary

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

