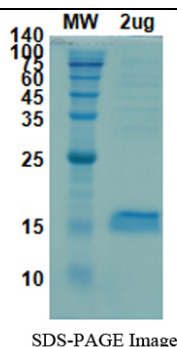


## Product Details

### Summary

Product name	Recombinant 2019-nCoV ORF7a protein
Catalog#	ATEP02497COV
description	Recombinant SARS-CoV-2 ORF7a protein is produced by E.coli expression system and the target gene encoding Glu16-Tyr97 is expressed with N-His Tag
Expression system	E.coli
Species	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)
Accession #	YP_009724395.1(P0DTC7)
Alternative names	Accessory protein 7a, Protein U122, Protein X4,7a
Predicted Molecular Mass	12.07kDa
Purity	>90% as determined by SDS-PAGE
Endotoxin level	Please contact with the lab for this information
Formulation	Supplied as solution form in PBS, pH7.5 or lyophilized from PBS, pH7.5
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	Please refer to the instruction in the hard copy of COA.
Application	Immunogen

### SDS-PAGE image



### Background

## Recombinant 2019-nCoV ORF7a protein

Plays a role as antagonist of host tetherin (BST2), disrupting its antiviral effect. Acts by binding to BST2 thereby interfering with its glycosylation. May suppress small interfering RNA (siRNA). May bind to host ITGAL, thereby playing a role in attachment or modulation of leukocytes.

### Note

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For research use only.

