

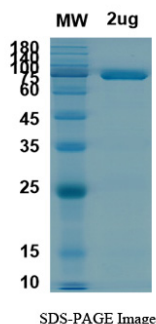
Product Details

Summary

Product name	Recombinant 2019-nCoV NSP2
Catalog#	ATEP02473COV
description	Recombinant SARS-CoV-2 NSP2 is produced by E.coli expression system and the target gene encoding Ala181-Gly818 is expressed with N-His Tag
Expression system	E.coli
Species	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)
Accession #	YP_009725298.1
Alternative names	SARS-CoV 2 nsp2, SARS-CoV 2 p65 homolog
Predicted Molecular Mass	72.81kDa
Actual Molecular Mass	75kDa
Purity	>90% as determined by SDS-PAGE
Endotoxin level	Please contact with the lab for this information.
Formulation	Lyophilized. Lyophilized PBS pH 7.4, 0.02% NLS, 1 mM EDTA, 5% 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



SDS-PAGE Image

Background

The positive-stranded RNA genome of the coronaviruses is translated from ORF1 to yield polyproteins that are proteolytically processed into intermediate and mature nonstructural proteins (nsps). SARS-CoV 2 polyproteins incorporate 16 protein domains (nsps). The putative non-structural protein 2 (nsp2) of SARS-CoV plays an important role in viral transcription and replication, and is an attractive target for anti-SARS drug development.

Product performance

Form	Recombinant 2019-nCoV NSP2
------	----------------------------

Note

For research use only.

