

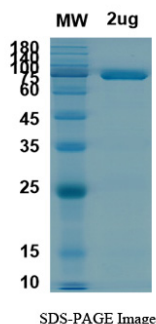
Product Details

Summary

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|---------------------------------|--|
| 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

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|-------------|----------------------------|
| Form | Recombinant 2019-nCoV NSP2 |
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Note

For research use only.

