

COVID 19 NSP10 Coronavirus Recombinant Protein | COVID-19 recombinant protein

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

CATALOG # AAA11058	HOST E. Coli	APPLICATIONS Immunogen
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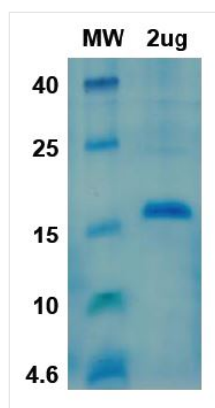
PRODUCT SYNONYMS

COVID 19 NSP10 Coronavirus; Recombinant SARS-CoV-2 (2019-nCoV) NSP10; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; NSP10; GFL; COVID-19 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. Coli
Purity/Purification	>90% as determined by SDS-PAGE quantitative densitometry by Coomassie Blue Staining.
Form/Format	Supplied as lyophilized form PBS, pH7.5
Sequence Positions	139
Sequence Length	139
Applicable Applications for COVID-19 recombinant protein	Immunogen
Species	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)
Reconstitution	Reconstitute the lyophilized protein in ddH ₂ O to the required concentration for your work such as a concentration of 0.1-1.0mg/ml. Do not vortex.
Preparation and Storage	Store at 2 to 8°C. Store at -20 to -80°C from the date of receipt. Use a manual defrost freezer and avoid repeated freeze thaw cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for COVID-19 recombinant protein	Recombinant SARS-CoV-2 NSP10 is produced by E.coli expression system and the target gene encoding Ala1-Gln139 is expressed with N-His Tag 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1802476814
NCBI Accession #	YP_009725306.1
NCBI GenBank Nucleotide #	YP_009725306.1
Molecular Weight	Actual Molecular Mass: 18kDa Predicted Molecular Mass: 17.99kDa
NCBI Official Full Name	nsp10

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/covid-19-nsp10-coronavirus-recombinant-protein-e-coli-immunogen/11058>