

COVID 19 NSP9 Coronavirus Recombinant Protein | COVID-19 recombinant protein

Recombinant SARS-CoV-2 NSP9 protein

CATALOG #
AAA60213

HOST
E Coli

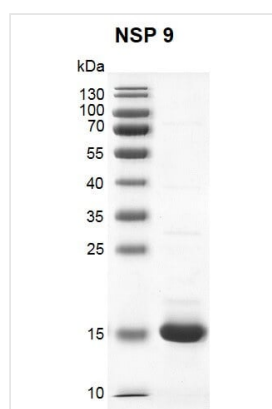
PRODUCT SYNONYMS

COVID 19 NSP9 Coronavirus; Recombinant SARS-CoV-2 NSP9 protein; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; NSP9; COVID-19 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>90%
Form/Format	Recombinant SARS-CoV-2 NSP9 protein is supplied in 25mM Tris pH7.4, 300mM NaCl, 10% glycerol, and 0.5mM TCEP.
Concentration	1.5 ug/ul (varies by lot)
Protein Species	SARS-CoV-2
Notes	Recombinant SARS-CoV-2 NSP7 protein is suitable for use in the study of SARS-CoV-2. Where possible, We have developed functional or activity assays for recombinant proteins. Additional characterization such as enzyme kinetic activity assays, inhibitor screening or other biological activity assays may not have been performed for every product. All available data for this product is shown.
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80 degree C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage. Shipping Temp: Dry Ice

IMAGES



SDS-PAGE

Recombinant SARS-CoV-2 NSP9 protein gel 12.5% SDS-PAGE with Coomassie blue staining
MW: 12.38 kDa Purity: >90%

ADDITIONAL INFORMATION

Related Product Information for COVID-19 recombinant protein	Short Description: Recombinant SARS-CoV-2 NSP9 protein was expressed in E Coli cells as the full-length protein (accession number YP_009725305.1) with a C-terminal Avi and a C-terminal 6×His-tag. The molecular weight of the protein is 12.38 kDa. It is suitable for use in the study of SARS-CoV-2. Background: SARS-CoV-2 NSP9 (Nonstructural Protein 9) is one of the nonstructural proteins encoded by SARS-CoV-2 orf1ab. The polyproteins of CoVs are cleaved by virus-encoded cysteine proteinases comprise papain- and chymotrypsinlike proteases into 16 nonstructural proteins including the expression of NSP1 to NSP11 by orf1a and encoding NSP12 to NSP16 by orf1b. According to BLAST analysis, the sequence identity of ORF1ab protein between SARS-CoV-2 and SARS-CoV is more than 90% with the query cover of about 100%, the sequence identity of NSP9 between these two viruses is about 100%.
Product Categories/Family for COVID-19 recombinant protein	Recombinant Proteins

NCBI AND UNIPROT INFORMATION

Molecular Weight	Molecular weight of the protein is 12.38kDa
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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://stage.aaabiotech.com/covid-19-nsp9-coronavirus-recombinant-protein-e-coli/60213>