Datasheet for ABIN7321311

SARS-CoV-2 NSP3 Protein

Go to Product page

Overview

Quantity:	100 µg
Target:	SARS-CoV-2 NSP3 (NSP3)
Origin:	SARS Coronavirus-2 (SARS-CoV-2)
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant SARS-CoV-2 NSP3 protein
Sequence:	Glu1024-Gln1198
Characteristics:	Recombinant SARS-CoV-2 NSP3 is produced by E.coli expression system and the target gene encoding Glu1024-Gln1198 is expressed with N-His Tag
Purity:	>90 % as determined by SDS-PAGE
Biological Activity Comment:	Test in progress

Target Details

Target:	SARS-CoV-2 NSP3 (NSP3)
Alternative Name:	SARS-CoV-2 NSP3 (NSP3 Products)
Target Type:	Viral Protein
Background:	Background: The coronaviral proteases, papain-like protease (PLpro) and 3C-like protease (3CLpro), are attractive antiviral drug targets because they are essential for coronaviral replication. PLpro has the additional function of stripping ubiquitin and ISG15 from host-cell

Target Details

	proteins to aid coronaviruses in their evasion of the host innate immune responses. Targeting PLpro with antiviral drugs may have an advantage in not only inhibiting viral replication but also inhibiting the dysregulation of signaling cascades in infected cells that may lead to cell death in surrounding, uninfected cells. Synonym: nsp3,PL-PRO,Papain-like proteinase,X domain(Macro domain)
Molecular Weight:	22.03kDa

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.