Recombinant COVID-19 NSP3 protein, His-tagged

Cat. No. NSP3-31V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant COVID-19 NSP3 protein (Glu1024-Gln1198) was fused to His-tag at the N-terminus and expressed in E.coli.
Species	Sars-CoV-2
Source	E.coli
ProteinLength	Glu1024-Gln1198
Description	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 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.
Form	Supplied as solution form in sterile PBS, pH 7.5.
Molecular Mass	22.03 kDa
Purity	> 90% as determined by SDS-PAGE.
Applications	Immunogen.

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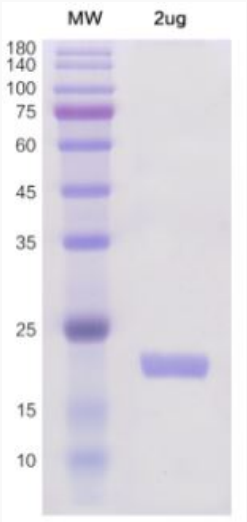
Notes	For research ues only. Not for use in clinical diagnostic procedures.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2-8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Concentration	1.0 mg/ml
Shipping	In general, proteins are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	orf1ab
Official Symbol	orf1ab
Synonyms	pp1ab; PL-PRO, Papain-like proteinase, X domain
Gene ID	1489680
Protein Refseq	NP_828862.2
UniProt ID	P0C6X7

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SDS-PAGE of NSP3-31V



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