

Recombinant COVID-19 NSP10 protein, His-tagged

Cat. No. NSP10-37V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant COVID-19 NSP10 protein (Ala1-Gln139) was fused to His-tag at the N-terminus and expressed in E.coli.
Species	Sars-CoV-2
Source	E.coli
ProteinLength	Ala1-Gln139
Description	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.
Form	Supplied as solution form in sterile PBS, pH 7.5.
Molecular Mass	Predicted Molecular Mass: 17.99 kDa; Actual Molecular Mass: 18 kDa.
Purity	>90% as determined by SDS-PAGE.
Applications	Immunogen.

 Tel: 1-631-559-9269 1-516-512-3133

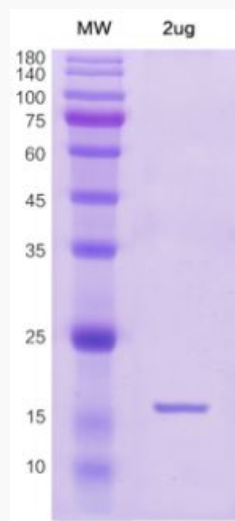
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Notes	For research uses only. Not for use in clinical diagnostic procedures.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2-8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the 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
Gene ID	1489680
Protein Refseq	NP_828868.1
UniProt ID	P0C6X7

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**SDS-PAGE of
NSP10-37V**



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