

Recombinant COVID-19 NSP2 protein, His-tagged

Cat. No. NSP2-276V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant COVID-19 NSP2 protein (Ala1-Gly638) was fused to His-tag at the N-terminus and expressed in E.coli.
Species	Sars-CoV-2
Source	E.coli
ProteinLength	Ala1-Gly638
Description	The positive-stranded RNA genome of the coronaviruses is translated from ORF1 to yield polyproteins that are proteolytically processed into intermediate and mature nonstructural proteins (nsps). COVID-19 polyproteins incorporate 16 protein domains (nsps). The putative non-structural protein 2 (nsp2) of COVID-19 plays an important role in viral transcription and replication, and is an attractive target for anti-SARS drug development.
Form	Supplied as solution form in PBS, pH7.5/ Supplied as lyophilized from PBS, pH7.5
Molecular Mass	Predicted Molecular Mass: 72.81 kDa; Actual Molecular Mass: 75 kDa
Endotoxin	Less than 1 EU per ug by the LAL method.
Purity	>90% as determined by SDS-PAGE
Applications	Immunogen

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

GENE INFORMATION

Gene Name	ORF1ab
Official Symbol	ORF1ab
Synonyms	ORF1a polyprotein;ORF1ab polyprotein
Gene ID	43740578
Protein Refseq	YP_009725298.1
UniProt ID	P0DTD1

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SDS-PAGE of NSP2-
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