Recombinant COVID-19 NSP3 protein, His-tagged

Cat. No. NSP3-81V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant COVID-19 NSP3 full length or partial length protein was fused to His-tag and expressed in HEK293.
Species	Sars-CoV-2
Source	HEK293
Description	Responsible for the cleavages located at the N-terminus of the replicase polyprotein. In addition, PL-PRO possesses a deubiquitinating/deISGylating activity and processes both 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains from cellular substrates. Participates together with nsp4 in the assembly of virally-induced cytoplasmic double-membrane vesicles necessary for viral replication. Antagonizes innate immune induction of type I interferon by blocking the phosphorylation, dimerization and subsequent nuclear translocation of host IRF3. Prevents also host NF-kappa-B signaling.
Form	PBS, pH7.4.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>80%
Storage	Store it at 4 ºC for short time. For long term storage, store it at -20ºC to -80ºC.
Warning	For Research Use Only.

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GENE INFORMATION

Gene Name	orf1ab
Official Symbol	orf1ab
Synonyms	pp1ab
Gene ID	1489680
Protein Refseq	NP_828862.2
UniProt ID	P0C6X7

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