

Recombinant COVID-19 NSP12 protein, GST-tagged

Cat. No. NSP12-664V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant COVID-19 NSP12 protein (Asp4891-Val5212) was fused to GST-tag at the N-terminus and expressed in E.coli.
Species	Sars-CoV-2
Source	E.coli
ProteinLength	Asp4891-Val5212
Description	This protein assists viral genome replication. Researchers have found that among other coronaviruses, the antiviral remdesivir interferes with NSP12. The other sequence, NSP11, overlaps a part of the RNA encoding NSP12. But it is unclear whether the tiny protein encoded by the gene has a function.
Form	Supplied as solution form in PBS, pH7.5, 0.02% NLS / Supplied as lyophilized from PBS, pH7.5, 0.02% NLS
Molecular Mass	Predicted Molecular Mass: 64 kDa; Actual Molecular Mass: 60 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	pp1ab
Gene ID	1489680
UniProt ID	P0C6X7

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SDS-PAGE of
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