

# Recombinant SARS-CoV-2 NSP12/RdRp Protein, N-His

## Summary

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**Catalog No.**

YVV01703

**Alternative Names**

Replicase polyprotein 1ab; pp1ab; ORF1ab polyprotein; Host translation inhibitor nsp1; Leader protein; Non-structural protein 1; nsp1; Non-structural protein 2; nsp2; p65 homolog; Papain-like protease nsp3; 3.4.19.12; 3.4.22.-; Non-structural protein 3; nsp3; PL2-PRO; Papain-like proteinase; PL-PRO; Non-structural protein 4; nsp4; 3C-like proteinase nsp5; 3CL-PRO; 3CLp; 3.4.22.69; Main protease; Mpro; Non-structural protein 5; nsp5; SARS coronavirus main proteinase; Non-structural protein 6; nsp6; Non-structural protein 7; nsp7; Non-structural protein 8; nsp8; Non-structural protein 9; nsp9; Non-structural protein 10; nsp10; Growth factor-like peptide; GFL; RNA-directed RNA polymerase nsp12; Pol; RdRp; 2.7.7.48; Non-structural protein 12; nsp12; Helicase nsp13; Hel; 3.6.4.12; 3.6.4.13; Non-structural protein 13; nsp13; Proofreading exoribonuclease nsp14; ExoN; 3.1.13.-; Guanine-N7 methyltransferase; Non-structural protein 14; nsp14; Uridylate-specific endoribonuclease nsp15; 4.6.1.-; NendoU; Non-structural protein 15; nsp15; 2'-O-methyltransferase nsp16; 2.1.1.57; Non-structural protein 16; nsp16; rep; 1a-1b, SARS-like Coronaviruses

**Form**

Lyophilized

**Storage buffer**

Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.

**Purity**

&gt;90% as determined by SDS-PAGE.

**Applications**

ELISA, Immunogen, SDS-PAGE, WB, Bioactivity testing in progress

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**Recombinant Proteins & Antibodies**

<b>Endotoxin level</b>	Please contact with the lab for this information.
<b>Expression system</b>	E. coli
<b>Accession</b>	P0DTD1
<b>Protein length</b>	Gly230-Asn404
<b>Nature</b>	Recombinant
<b>Predicted molecular weight</b>	22.43 kDa
<b>Stability and Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 °C for one week . Store at -20 to -80 °C for twelve months from the date of receipt.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution.A copy of datasheet will be provided with the products, please refer to it for details.
<b>Species</b>	Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) (SARS-CoV-2)
<b>Shipping</b>	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.
<b>Note</b>	For research use only.

## Data Image

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