

# Recombinant PEDV Nsp5/Mpro/3CL Protein, N-His

## Summary

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<b>Catalog No.</b>	YVV31308
<b>Alternative Names</b>	3C-like proteinase, 3CL-PRO, Main protease, Mpro, Non-structural protein 5, nsp5, ORF1ab polyprotein
<b>Form</b>	Lyophilized
<b>Storage buffer</b>	Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Applications</b>	ELISA, Immunogen, SDS-PAGE, WB, Bioactivity testing in progress
<b>Endotoxin level</b>	Please contact with the lab for this information.
<b>Expression system</b>	E. coli
<b>Accession</b>	ALS35468.1
<b>Protein length</b>	Ala2990-Gln3291
<b>Nature</b>	Recombinant
<b>Predicted molecular weight</b>	35.02 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>	Porcine epidemic diarrhea virus (PEDV)

**Shipping**

In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

**Note**

For research use only.

**Data Image**

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SDS-PAGE

SDS-PAGE for Recombinant Porcine epidemic diarrhea virus (PEDV) Nsp5/Mpro/3CL protein