Recombinant SARS Plpro protein, His-tagged

Cat. No. PLpro-523S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant SARS coronavirus (SARS-CoV) (strain WH20) papain-like protease (PLpro) (AAX16193.1) (Glu1541-Tyr1859) was expressed with a polyhistidine tag at the C-terminus.
Species	SARS
Source	E.coli
ProteinLength	Glu1541-Tyr1859
Predicted N Terminal	Glu 1541
Form	Lyophilized from sterile 50 mM Tris, 0.1 % Tween, pH 9.0. Normally 5 %- 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant SARS coronavirus (SARS-CoV) (strain WH20) papain-like protease (PLpro) consists of 319 amino acids and predicts a molecular mass of 35.8 kDa.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 90% as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at-70 centigrade. Store it under sterile conditions at-20 centigrade to-80 centigrade. It is recommended

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	that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Official Symbol	PLpro
Synonyms	PLpro

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