

## Recombinant SARS-CoV-2 3C-like Proteinase Protein (His Tag)

**Catalog Number:** PKSR030465

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

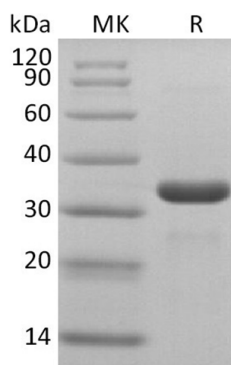
### Description

<b>Species</b>	SARS-CoV-2
<b>Source</b>	E.coli-derived SARS-CoV-2 3C-likease protein Ser3264-Gln3569, with an N-terminal His
<b>Calculated MW</b>	36.1 kDa
<b>Observed MW</b>	33 kDa
<b>Accession</b>	P0DTC1
<b>Bio-activity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Concentration</b>	Subject to label value.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
<b>Shipping</b>	This product is provided as liquid. It is shipped at frozen temperature with blue ice/ gel packs. Upon receipt, store it immediately at < - 20°C.
<b>Formulation</b>	Supplied as a 0.2 µM filtered solution of PBS, 1 mM EDTA, 10% Glycerol, pH 7.4.

### Data



> 95 % as determined by reducing SDS-PAGE.

### Background

The viral main proteinase (M<sub>pro</sub>, also called 3CL<sub>pro</sub>), which controls the activities of the coronavirus replication complex. It functions as a cysteine protease engaging in the proteolytic cleavage of the viral precursor polyprotein to a series of functional proteins required for coronavirus replication and is considered as an appealing target for designing anti-SARS agents.

### For Research Use Only

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