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

## Tag)

Catalog Number: PKSR030465



 $\it Note:$  Centrifuge before opening to ensure complete recovery of vial contents.

#### **Description**

Synonyms M Proteinase;3CL Proteinase

Species SARS-CoV-2

**Expression Host** E.coli

Sequence Ser3264-Gln3569

AccessionPODTC1Calculated Molecular Weight36.1 kDaObserved molecular weight33 kDaTagN-His

### **Properties**

**Purity** > 95 % as determined by reducing SDS-PAGE.

Endotoxin < 1.0 EU per  $\mu g$  of the protein as determined by the LAL method.

Storage Storage Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

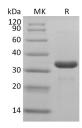
**Shipping** This product is provided as liquid. It is shipped at frozen temperature with blue

ice/gel packs. Upon receipt, store it immediately at < - 20°C.

Formulation Supplied as a 0.2 μM filtered solution of PBS, 1 mM EDTA, 10% Glycerol, pH 7.4.

**Reconstitution** Not Applicable

#### Data



> 95 % as determined by reducing SDS-PAGE.

## **Background**

The viral main proteinase (M pro , also called 3CL pro ), 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

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web: <u>www.elabscience.com</u> Email: <u>techsupport@elabscience.com</u>