

## SARS coronavirus main proteinase

Cat. No. EXWM-4245

Lot. No. (See product label)

### Introduction

**Description** SARS coronavirus main protease is the key enzyme in SARS coronavirus replicase polyprotein processing. In peptidase family C30.

**Synonyms** 3cLpro; 3C-like protease; coronavirus 3C-like protease; Mpro; SARS 3C-like protease; SARS coronavirus 3CL protease; SARS coronavirus main peptidase; SARS coronavirus main protease; SARS-CoV 3CLpro enzyme; SARS-CoV main protease; SARS-CoV Mpro; severe acute respiratory syndrome coronavirus main protease

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 3.4.22.69

**Reaction** TSAVLQ↓SGFRK-NH<sub>2</sub> and SGVTFQ↓GKFKK the two peptides corresponding to the two self-cleavage sites of the SARS 3C-like proteinase are the two most reactive peptide substrates. The enzyme exhibits a strong preference for substrates containing Gln at P1 position and Leu at P2 position.

**Notes** This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

**Storage** Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.