Creative Enzymes®

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-NH2 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.