Creative Enzymes®

helper-component proteinase

Cat. No. EXWM-4220

Lot. No. (See product label)

Introduction

Description	Known from many potyviruses. The helper component-proteinase of the tobacco etch virus is a multifunctional protein with several known activities: the N-terminal region is required for aphid transmission and efficient genome amplification, the central region is required for long-distance movement in plants, and the C-terminal domain has cysteine endopeptidase activity. Type example of peptidase family C6.
Synonyms	HC-Pro

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.4.22.45
CAS No.	124566-20-7
Reaction	Hydrolyses a Gly┼Gly bond at its own C-terminus, commonly in the sequence -Tyr-Xaa-Val-Gly┼Gly, in the processing of the potyviral polyprotein
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 ℃.