

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.