

Chitinase from *Trichoderma harzianum*

Cat. No. CEFM-002

Lot. No. (See product label)

Introduction

Description Chitinase is an extracellular complex enzyme that degrades chitin, with a molecular mass of about 30 kDa. cleaves chitin into oligomers of N-acetylglucosamine and chitin by endohydrolysis. Chitinase is a glycoprotein produced extracellularly mainly by plants, insects and microorganisms such as mycobacteria.

Applications Chitinase breaks down chitin into oligomers of chitosan and N-acetylglucosamine by endohydrolysis, which is then recycled. It is also used to control plant pathogenic fungi.

Product Information

Source	Trichoderma harzianum
Form	yellow suspension with 50% glycerin
EC Number	EC 3.2.1.14
Activity	> 100 U/ml
Optimum pH	optimum 5.6
Optimum temperature	optimum 37°C

Storage and Shipping Information

Storage	stable at -20°C
----------------	-----------------