

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