

exo-1,4- β -D-glucosaminidase

Cat. No. EXWM-3847

Lot. No. (See product label)

Introduction

Description

Chitosan is a partially or totally N-deacetylated chitin derivative that is found in the cell walls of some phytopathogenic fungi and comprises D-glucosamine residues with a variable content of GlcNAc residues. Acts specifically on chitooligosaccharides and chitosan, having maximal activity on chitotetraose, chitopentaose and their corresponding alcohols. The enzyme can degrade GlcN-GlcNAc but not GlcNAc-GlcNAc. A member of the glycoside hydrolase family 2 (GH-2).

Synonyms

CsxA; GlcNase; exochitosanase; GlmA; exo- β -D-glucosaminidase; chitosan exo-1,4- β -D-glucosaminidase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.2.1.165

Reaction

Hydrolysis of chitosan or chitosan oligosaccharides to remove successive D-glucosamine residues from the non-reducing termini

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.