Creative Enzymes®

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