

Chitinase

Chitodextrinase
1,4-beta-poly -N-acetylglucosaminidase
Poly-beta-glucosaminidase
EC 3.2.1.14

Description:	Hydrolase which cleaves Chitin into oligomers of N-acetylglucosamin and chitobiose by endo-hydrolysis. Chitinases are glycoproteins which are mostly produced extracellularly by plants, insects and microorganisms (f.e. molds).	
Origin:	<i>Trichoderma harzianum</i>	
Application:	production of N-Acetylglucosamine	
Activity:	> 100 U/ml (method: ASA Spezialenzyme GmbH)	
Specific activity:	> 400 U/mg Protein	
Parameters of reaction:	<u>pH</u>	optimum: 5.6
	<u>temperature</u>	optimum: 37°C
Order-No.:	2620	
Form of delivery:	yellow suspension with 50% glycerin	
Storage:	- 20°C	