

There is a possibility of changing the 'Code' and/or 'Lot No.'

'Protein conc.' and 'Activity' might vary between lots.

Data sheet

Enzyme	;	Chitinase
Code	;	CTN-50-01
Lot No.	;	1-S001A
Protein conc.	;	1.4 mg/ml
Volume	;	1 ml
Form	;	20 mM Tris-HCl(pH 7.5)
Storage	;	-20 °C *Avoid the freeze and thaw.
Activity	;	83.0 U/ml
Notes	;	For research use only

Activity measurement

Reaction mix (50 mM Sodium acetate buffer (pH 4.0), 1 mM *p*-nitrophenyl-di-N- β -chitobioside (pNP-chitobioside) and appropriate amount of the enzyme) was incubated at 85 °C and A_{420} was measured after the addition of two volumes of 0.25 M Na_2CO_3 . One unit is defined as the amount of enzyme producing 1 μmol of *p*-nitrophenol per 1 minute using pNP-chitobioside as a substrate.

pH profile

