

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

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

Data sheet

Enzyme ; **β -1,3-Glucanase A**

Code ; TGL-74-01

Lot No. ; 1-S201A

Protein conc. ; 5.2 mg/ml

Volume ; 1 ml

Form ; 20 mM Tris-HCl (pH 7.5), 50 mM NaCl

Storage ; -20 °C

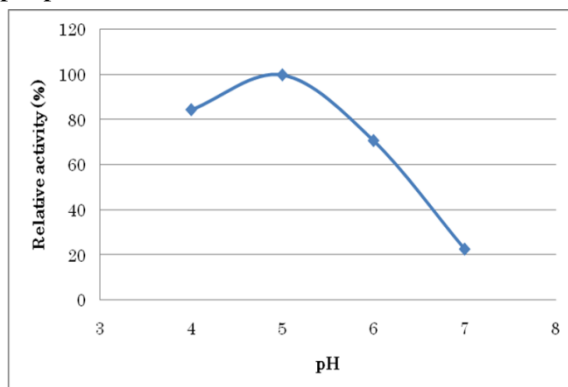
Activity ; 6450 U/ml

Notes ; For research use only

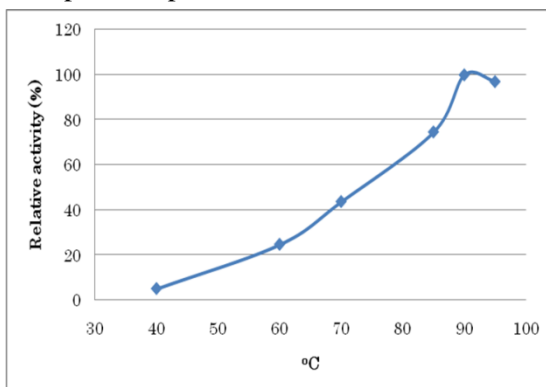
Activity measurement

Reaction mix (50 mM Sodium acetate buffer (pH 5.0), 0.5% Laminarin and appropriate amount of the enzyme) was incubated at 85 °C and the reducing power was measured by DNS method (Kongruang *et al.*, (2004), *Appl. Biochem. Biotechnol.* **113**, 213-231). One unit is defined as the amount of enzyme producing reducing power equivalent to 1 μ mol of glucose per 1 minute using Laminarin as a substrate.

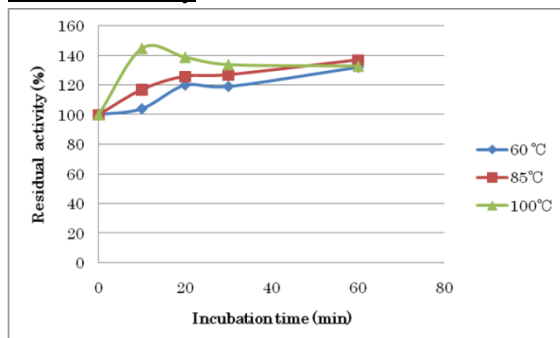
pH profile



Temperature profile



Thermostability



Substrate specificity

