

Cellulase, thermostable from Dictyoglomus turgidum, Recombinant

Cat. No. NATE-1928

Lot. No. (See product label)

Introduction

Description	Product exhibits endo-cellulase, β -glucanase activity and β -mannase activities when assayed using insoluble AZCL-linked substrates as well as exo-cellulase and cellobiohydrolase activities.
Synonyms	1,4-(1,3;1,4)- β -D-Glucan 4-glucano-hydrolase; EC 3.2.1.4; endo-1,4- β -D-glucanase; β -1,4-glucanase; β -1,4-endoglucan hydrolase; cellulase A; cellulysin AP; endoglucanase D; alkali cellulase; cellulase A 3; celludextrinase; 9.5 cellulase; avicelase; pancellase SS

Product Information

Species	Dictyoglomus turgidum
Source	E. coli
Form	Supplied as as solution in 50 mM Tris-HCl, pH 7.5, 100 mM NaCl, and 25% glycerol.
EC Number	EC 3.2.1.4
CAS No.	9012-54-8
Molecular Weight	37 kDa
Purity	$\geq 90\%$ (SDS-PAGE)
Activity	≥ 200 units/mg protein
Concentration	> 20 mg/ml
Unit Definition	One unit will produce 1 μ mole of reducing sugar (measured as glucose) from β -glucan per minute at pH 5.8 at 70 °C.

Storage and Shipping Information

Storage	2-8°C
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