Creative Enzymes®

Cellobiohydrolase I from Hypocrea jecorina, Recombinant

Cat. No. NATE-0112

Lot. No. (See product label)

Introduction

Description	Cellulose 1,4-beta-cellobiosidase (non-reducing end) is an enzyme with system name 4-beta-D-glucan cellobiohydrolase (non-reducing end). This enzyme catalyses the following chemical reaction:Hydrolysis of (1->4)-beta-D-glucosidic linkages in cellulose and cellotetraose, releasing [cellobiose] from the non-reducing ends of the chains.
Applications	Cellobiohydrolase I can be used in combination with endocellulases and b-glucosidase to produce glucose from cellulose.
Synonyms	Cellobiohydrolase I; Cellobiosidase; EC 3.2.1.91; Cel7A; Cellulase; exo-cellobiohydrolase; beta-1,4-glucan cellobiohydrolase; beta-1,4-glucan cellobiosylhydrolase; 1,4-beta-glucan cellobiosidase; exoglucanase; avicelase; CBH 1; C1 cellulase; cellobiohydrolase; exo-beta-1,4-glucan cellobiohydrolase; 1,4-beta-D-glucan cellobiohydrolase

Product Information

Species	Hypocrea jecorina
Source	Corn
Form	Enzyme is provided in a sodium acetate and ammonium sulfate solution, containing 0.02% sodium azide.
EC Number	EC 3.2.1.91
CAS No.	253-465-9
Activity	0.13 U/mg