

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