

β-Glucosidase from Streptococcus pyogenes, Recombinant

Cat. No. NATE-1234

Lot. No. (See product label)

Introduction

Description

Beta-glucosidase is a glucosidase enzyme that acts upon β 1- \rightarrow 4 bonds linking two glucose or glucose-substituted molecules (i.e., the disaccharide cellobiose). It is one of the cellulases, enzymes involved in the decomposition of cellulose and related polysaccharides; more specifically, an exocellulase with specificity for a variety of beta-D-glycoside substrates. It catalyzes the hydrolysis of terminal non-reducing residues in beta-D-glucosides with release of glucose.

Synonyms

EC 3.2.1.21; gentiobiase; cellobiase; emulsin; elaterase; aryl-beta-glucosidase; beta-D-glucosidase; beta-glucoside glucohydrolase; arbutinase; amygdalinase; p-nitrophenyl beta-glucosidase; primeverosidase; amygdalase; linamarase; salicilinase; beta-1,6-glucosidase

Product Information

Source Streptococcus pyogenes MGAS315

Form Supplied in 2.5 M NaCl

EC Number EC 3.2.1.21

CAS No. 9001-22-3

Molecular Weight 57177.3 Da

Purity >95 % as judged by SDS-PAGE

Storage and Shipping Information

Storage Store at 4°C (shipped at room temperature)