Creative Enzymes®

α-Glucosidase from Bacillus stearothermophilus, Recombinant

Cat. No. NATE-3201

Lot. No. (See product label)

Introduction

Description	α-Glucosidase (EC 3.2.1.20, maltase, glucoinvertase, glucosidosucrase, maltase-glucoamylase, α-glucopyranosidase, glucosidoinvertase, α-D-glucosidase, α-glucoside hydrolase, α-1,4-glucosidase, α-D-glucoside glucohydrolase; systematic name α-D-glucoside glucohydrolase) is a glucosidase located in the brush border of the small intestine that acts upon α(1→4) bonds.

Product Information

Species	Bacillus stearothermophilus
Form	Suspension
EC Number	EC 3.2.1.20
CAS No.	9001-42-7
Molecular Weight	66 kDa
Activity	60 U/mg
Unit Definition	One Unit of α-D-glucosidase activity is defined as the amount of enzyme required to release one µmole of p-nitrophenol per minute from 4-nitrophenyl α-D-glucopyranoside (5 mM), in sodium phosphate buffer (100 mM), pH 6.5 at 40°C.

Storage and Shipping Information

Storage	2-8°C