

α-Xylosidase 31A from Bacteroides ovatus, Recombinant

Cat. No. NATE-1525

Lot. No. (See product label)

Introduction

Description

Alpha-D-xyloside xylohydrolase (EC 3.2.1.177, alpha-xylosidase) is an enzyme. This enzyme catalyses the following chemical reaction: Hydrolysis of terminal, non-reducing alpha-D-xylose residues with release of alpha-D-xylose. The enzyme catalyses hydrolysis of a terminal, unsubstituted xyloside at the extreme reducing end of a xylogluco-oligosaccharide.

Synonyms

Alpha-D-xyloside xylohydrolase; EC 3.2.1.177; alpha-xylosidase; α-Xylosidase

Product Information

Species

Bacteroides ovatus

Source

E. coli

Form

35 mM NaHepes buffer, pH 7.5, 750 mM NaCl, 200 mM imidazol, 3.5 mM CaCl₂, 0.02% sodium azide and 25% (v/v) glycerol

EC Number

EC 3.2.1.177

Molecular Weight

93 kDa

Purity

>90% as judged by SDS-PAGE

Concentration

0.5 mg/mL

Optimum pH

7.2

Optimum temperature

25 °C

Specificity

α-xylose from the terminus of α-xylan

Storage and Shipping Information

Storage

This enzyme is shipped at room temperature but should be stored at -20 °C.