

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 CaCl ₂ , 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.