

Arabinofuranosidase 43D from *Bacteroides thetaiotaomicron*, Recombinant

Cat. No. NATE-1319

Lot. No. (See product label)

Introduction

Description

Alpha-N-arabinofuranosidase is an enzyme with system name alpha-L-arabinofuranoside arabinofuranohydrolase. This enzyme catalyses the following chemical reaction: Hydrolysis of terminal non-reducing alpha-L-arabinofuranoside residues in alpha-L-arabinosides. The enzyme acts on alpha-L-arabinofuranosides, alpha-L-arabinans containing (1,3)- and/or (1,5)-linkages, arabinoxylans and arabinogalactans.

Synonyms

non-reducing end alpha-L-arabinofuranosidase; alpha-L-arabinofuranoside non-reducing end alpha-L-arabinofuranosidase; EC 3.2.1.55; arabinosidase; alpha-arabinosidase; alpha-L-arabinosidase; alpha-arabinofuranosidase; polysaccharide alpha-L-arabinofuranosidase; alpha-L-arabinofuranoside hydrolase; L-arabinosidase; alpha-L-arabinanase; Alpha-N-arabinofuranosidase; α -L-Arabinofuranosidase

Product Information

Species

Bacteroides thetaiotaomicron

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.-

CAS No.

9067-74-7

Molecular Weight

35.6 kDa

Purity

>90% by SDS-PAGE

Concentration

1 mg/mL

Optimum pH

7

Optimum temperature

37 °C

Specificity

Arabinoxylans

Storage and Shipping Information

Storage

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