

## Arabinofuranosidase 43C from *Bacteroides thetaiotaomicron*, Recombinant

Cat. No. NATE-1323

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;  $\alpha$ -L-Arabinofuranosidase

### Product Information

<b>Species</b>	Bacteroides thetaiotaomicron
<b>Source</b>	E. coli
<b>Form</b>	35 mM NaHepes buffer, pH 7.5, 750 mM NaCl, 200 mM imidazol, 3.5 mM CaCl <sub>2</sub> , 0.02% sodium azide and 25% (v/v) glycerol
<b>EC Number</b>	EC 3.2.1.55
<b>CAS No.</b>	9067-74-7
<b>Molecular Weight</b>	40.4 kDa
<b>Purity</b>	>90% by SDS-PAGE
<b>Concentration</b>	0.25 mg/mL
<b>Optimum pH</b>	7
<b>Optimum temperature</b>	37 °C
<b>Specificity</b>	Arabinan

### Storage and Shipping Information

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