

## non-reducing end $\beta$ -L-arabinofuranosidase

Cat. No. EXWM-3869

Lot. No. (See product label)

### Introduction

#### Description

The enzyme, which was identified in the bacterium *Bifidobacterium longum* JCM1217, removes the  $\beta$ -L-arabinofuranose residue from the non-reducing end of multiple substrates, including  $\beta$ -L-arabinofuranosyl-hydroxyproline (Ara-Hyp), Ara2-Hyp, Ara3-Hyp, and  $\beta$ -L-arabinofuranosyl-(1 $\rightarrow$ 2)-1-O-methyl- $\beta$ -L-arabinofuranose. In the presence of 1-alkanols, the enzyme demonstrates transglycosylation activity, retaining the anomeric configuration of the arabinofuranose residue. cf. EC 3.2.1.55, non-reducing end  $\alpha$ -L-arabinofuranosidase

#### Synonyms

HypBA1

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.2.1.185

#### Reaction

$\beta$ -L-arabinofuranosyl-(1 $\rightarrow$ 2)- $\beta$ -L-arabinofuranose + H<sub>2</sub>O = 2  $\beta$ -L-arabinofuranose

#### Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

#### Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.