Creative Enzymes®

Arabinoxylan arabinofuranohydrolase from Bacillus subtilis, Recombinant

Cat. No. NATE-1199

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

Source	Bacillus subtilis subsp. subtilis str. 168
Form	Supplied in 3.2 M ammonium sulphate
EC Number	EC 3.2.1.55
CAS No.	9067-74-7
Molecular Weight	53852.8 Da
Purity	> 95 % as judged by SDS-PAGE
Optimum pH	5.6
Optimum temperature	45°C

Storage and Shipping Information

Storage	Store at 4°C (shipped at room temperature)