



Product Information

Recombinant *Bacteroides thetaiotaomicron* arabinofuranosidase 43C

Cat. No.: X23-08-YM081

Size: 0.25 mg; 0.50 mg; 0.75 mg; 1 mg

Enzyme Commission Number: 3.2.1.55

Synonym: BtAbf43C; α -N-Arabinofuranosidase; α -Arabinosidase; L-Arabinosidase

This product is for research use only and is not intended for diagnostic use.

Product Information

Description	Recombinant <i>Bacteroides thetaiotaomicron</i> arabinofuranosidase 43C produced by <i>Escherichia coli</i> , is an <i>exo</i> - α -arabinofuranosidase, which belongs to glycoside hydrolase family 52 and features a single domain.
Expression System	<i>Escherichia coli</i>
Species	<i>Bacteroides thetaiotaomicron</i>
Concentration	0.25 mg/mL
Form	Liquid
Purity	$\geq 90\%$, determined by SDS-PAGE.
Activity	Arabinofuranosidases
Buffer	35 mM NaHepes buffer (pH 7.5), 750 mM NaCl, 200 mM imidazole, 3.5 mM CaCl ₂ , and 25% (v/v) glycerol
Applications	Recombinant <i>Bacteroides thetaiotaomicron</i> arabinofuranosidase 43C is used in various biotechnological research, such as the wine industry, clarification of fruit juices, enhancement of animal feed digestion, and as a natural enhancer for bread. It has the ability to hydrolyze arabinan.
Storage	Store at -20°C.