



## Product Information

### Recombinant *Bacteroides thetaiotaomicron* arabinofuranosidase 43D

**Cat. No.:** X23-08-YM151

**Size:** 1 mg; 2 mg; 3 mg; 6 mg

**Enzyme Commission Number:** 3.2.1.-

**Synonym:** GH43;  $\alpha$ -N-Arabinofuranosidase;  $\alpha$ -Arabinosidase; L-Arabinosidase

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

#### Product Information

<b>Description</b>	Recombinant <i>Bacteroides thetaiotaomicron</i> arabinofuranosidase 43D produced by <i>Escherichia coli</i> , is an <i>exo</i> - $\alpha$ -arabinofuranosidase, which belongs to glycoside hydrolase family 52 and features a single domain.
<b>Expression System</b>	<i>Escherichia coli</i>
<b>Species</b>	<i>Bacteroides thetaiotaomicron</i>
<b>Concentration</b>	1 mg/mL
<b>Form</b>	Liquid
<b>Purity</b>	$\geq 90\%$ , determined by SDS-PAGE.
<b>Activity</b>	Arabinofuranosidases
<b>Buffer</b>	35 mM NaHepes buffer (pH 7.5), 750 mM NaCl, 200 mM imidazole, 3.5 mM CaCl <sub>2</sub> , and 25% (v/v) glycerol
<b>Applications</b>	Recombinant <i>Bacteroides thetaiotaomicron</i> arabinofuranosidase 43D 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 arabinoxylans.
<b>Storage</b>	Store at -20°C.