



## Product Information

### Recombinant *Bacteroides ovatus* xylosidase 43A

**Cat. No.:** X23-08-YM014

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

**Enzyme Commission Number:** 3.2.1.37; 3.2.1.55

**Synonym:** BoXyl43A; Exo-1,4- $\beta$ -xylosidase

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

#### Product Information

<b>Description</b>	Recombinant <i>Bacteroides ovatus</i> xylosidase 43A produced by <i>Escherichia coli</i> , is an enzyme with E.C. numbers 3.2.1.37 and 3.2.1.55, displaying bifunctional activity in xylan and $\alpha$ -L-arabinoside hydrolysis.
<b>Expression System</b>	<i>Escherichia coli</i>
<b>Species</b>	<i>Bacteroides ovatus</i>
<b>Concentration</b>	1 mg/mL
<b>Form</b>	Liquid
<b>Purity</b>	$\geq 90\%$ , determined by SDS-PAGE.
<b>Activity</b>	Xylosidases
<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 ovatus</i> xylosidase 43A can be used in carbohydrate and biofuel research. It has the ability to hydrolyze xylooligosaccharides.
<b>Storage</b>	Store at -20°C.