



## Product Information

### Recombinant *Clostridium cellulolyticum* xyloglucanase 44A

**Cat. No.:** X23-08-YM1035

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

**Enzyme Commission Number:** 3.2.1.151

**Synonym:** CcXgh44A; Xyloglucan *endo*- $\beta$ -1,4-glucanase; Xyloglucan endohydrolase; 1,4- $\beta$ -D-Glucan glucanohydrolase; 1,4-Beta-D-glucan glucanohydrolase

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

#### Product Information

<b>Description</b>	Recombinant <i>Clostridium cellulolyticum</i> xyloglucanase 44A produced by <i>Escherichia coli</i> , is a xyloglucan <i>endo</i> -1,4- $\beta$ glucanase.
<b>Expression System</b>	<i>Escherichia coli</i>
<b>Species</b>	<i>Clostridium cellulolyticum</i>
<b>Concentration</b>	1 mg/mL
<b>Form</b>	Liquid
<b>Purity</b>	$\geq 90\%$ , determined by SDS-PAGE.
<b>Activity</b>	Xyloglucanases
<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>Clostridium cellulolyticum</i> xyloglucanase 44A can be used in carbohydrate and biofuel research and hydrolyzes CMC, $\beta$ -glucan, and xyloglucan with similar efficiencies"
<b>Storage</b>	Store at -20°C.