



## Product Information

### Recombinant *Thermobifida fusca* xylanase 11A2

**Cat. No.:** X23-08-YM513

**Size:** 0.5 mg; 1 mg; 1.5 mg; 2 mg

**Enzyme Commission Number:** 3.2.1.8

**Synonym:** Tfxyn11A; Endo-(1→4)-β-xylan 4-xylanohydrolase; 4-Beta-D-xylan xylanohydrolase

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

#### Product Information

<b>Description</b>	Recombinant <i>Thermobifida fusca</i> xylanase 11A2 produced by <i>Escherichia coli</i> , belongs to hydrolase that attacks hemicellulose to give rise to a mixture of xylooligosaccharides (XOSs) of various sizes.
<b>Expression System</b>	<i>Escherichia coli</i>
<b>Species</b>	<i>Thermobifida fusca</i>
<b>Concentration</b>	0.5 mg/mL
<b>Form</b>	Liquid
<b>Purity</b>	≥90%, determined by SDS-PAGE.
<b>Activity</b>	Xylanases
<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>Thermobifida fusca</i> xylanase 11A2 can be used in carbohydrate research for the food industry. It has the ability to hydrolyze 1,4-β-xylans.
<b>Storage</b>	Store at -20°C.