



## Product Information

### Recombinant *Rhodopirellula baltica* xylanase 10A

**Cat. No.:** X23-08-YM010

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

**Enzyme Commission Number:** 3.2.1.8

**Synonym:** *RbXyn10A*; *Endo*-(1→4)- $\beta$ -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>Rhodopirellula baltica</i> xylanase 10A 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>Rhodopirellula baltica</i>   |
| <b>Concentration</b>     | 0.25 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>Rhodopirellula baltica</i> xylanase 10A can be used in carbohydrate research for the food industry. It has the ability to hydrolyze 1,4- $\beta$ -xylans.  |
| <b>Storage</b>           | Store at -20°C.   |