



Product Information

Recombinant *Bacillus halodurans* xylanase 10A

Cat. No.: X23-08-YM558

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

Enzyme Commission Number: 3.2.1.8

Synonym: BhXyn10A; *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

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| Description | Recombinant <i>Bacillus halodurans</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. |
| Expression System | <i>Escherichia coli</i> |
| Species | <i>Bacillus halodurans</i> |
| Concentration | 1 mg/mL |
| Form | Liquid |
| Purity | $\geq 90\%$, determined by SDS-PAGE. |
| Activity | Xylanases |
| Buffer | 35 mM NaHepes buffer (pH 7.5), 750 mM NaCl, 200 mM imidazole, 3.5 mM CaCl ₂ , and 25% (v/v) glycerol |
| Applications | Recombinant <i>Bacillus halodurans</i> xylanase 10A can be used in carbohydrate research for the food industry. It has the ability to hydrolyze 1,4- β -xylans. |
| Storage | Store at -20°C. |