



Product Information

Recombinant *Polaribacter* sp. laminarinase 157A

Cat. No.: X23-08-YM047

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

Enzyme Commission Number: 3.2.1.39

Synonym: PLam157A; β -1,3-Glucanohydrolase; β -1,3-Glucanase

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

Product Information

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| Description | Recombinant <i>Polaribacter</i> sp. laminarinase 157A produced by <i>Escherichia coli</i> , has the E.C. number 3.2.1.39 and is an <i>endo</i> -1,3- β -glucanase enzyme. |
| Expression System | <i>Escherichia coli</i> |
| Species | <i>Polaribacter</i> sp. |
| Concentration | 1 mg/mL |
| Form | Liquid |
| Purity | $\geq 90\%$, determined by SDS-PAGE. |
| Activity | Laminarinases |
| 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>Polaribacter</i> sp. laminarinase 157A can be used for glycobiology research. It has the ability to hydrolyze laminarin. |
| Storage | Store at -20°C. |