



Product Information

Recombinant *Paenibacillus* sp. laminarinase 16A2

Cat. No.: X23-08-YM543

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

Enzyme Commission Number: 3.2.1.39

Synonym: PLam16A; β -1,3-Glucanohydrolase; β -1,3-Glucanase

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

Product Information

Description	Recombinant <i>Paenibacillus</i> sp. laminarinase 16A2 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>Paenibacillus</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>Paenibacillus</i> sp. laminarinase 16A2 can be used for glycobiology research. It has the ability to hydrolyze curdlan and laminarin.
Storage	Store at -20°C.