



## Product Information

### Recombinant *Bacillus circulans* 1,3- $\alpha$ -glucosidase 87A

**Cat. No.:** X23-08-YM347

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

**Enzyme Commission Number:** 3.2.1.59

**Synonym:** BcAgn87A; Endo-1,3- $\alpha$ -glucanase

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

#### Product Information

<b>Description</b>	Recombinant <i>Bacillus circulans</i> 1,3- $\alpha$ -glucosidase 87A produced by <i>Escherichia coli</i> , belongs to the single-domain glycoside hydrolase family 87 (GH87) enzyme category.
<b>Expression System</b>	<i>Escherichia coli</i>
<b>Species</b>	<i>Bacillus circulans</i>
<b>Concentration</b>	0.25 mg/mL
<b>Form</b>	Liquid
<b>Purity</b>	≥90%, determined by SDS-PAGE.
<b>Activity</b>	$\alpha$ -Glucosidases
<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>Bacillus circulans</i> 1,3- $\alpha$ -glucosidase 87A can be used for glycobiology research. It has the ability to hydrolyze 1,3- $\alpha$ -glucans.
<b>Storage</b>	Store at -20°C.