



Product Information

Recombinant *Bacillus licheniformis* chitinase 18A

Cat. No.: X23-08-YM007

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

Enzyme Commission Number: 3.2.1.14

Synonym: B/Chi18A; Poly- β -glucosaminidase; β -1,4-Poly-*N*-acetyl glucosamidinase; Poly[1,4-(*N*-acetyl- β -D-glucosaminide)] glycanohydrolase; Beta-1,4-poly-*N*-acetyl glucosamidinase

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

Product Information

Description	Recombinant <i>Bacillus licheniformis</i> chitinase 18A produced by <i>Escherichia coli</i> , plays a vital part in immunity, nutrition, and other aspects, since it hydrolyzes the β -(1-4)-linkage of <i>N</i> -acetyl-D-glucosamine units present in chitin polymers.
Expression System	<i>Escherichia coli</i>
Species	<i>Bacillus licheniformis</i>
Concentration	1 mg/mL
Form	Liquid
Purity	$\geq 90\%$, determined by SDS-PAGE.
Activity	Chitinases
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 licheniformis</i> chitinase 18A can be used in research for biotechnology, waste disposal, agricultural pest control, and so on. It has the ability to hydrolyze chitin and chitosan.
Storage	Store at -20°C.