



Product Information

Recombinant *Bacillus circulans* keratan sulfate *endo-N*-acetylglucosaminidase 111A

Cat. No.: X23-08-YM459

Size: 0.5 mg; 1 mg; 1.5 mg; 2 mg

Enzyme Commission Number: 3.2.1.-

Synonym: Bcksh111A; *Endo*- β -*N*-acetylglucosaminidase

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

Product Information

Description	Recombinant <i>Bacillus circulans</i> keratan sulfate <i>endo-N</i> -acetylglucosaminidase 111A produced by <i>Escherichia coli</i> , belongs to the glycoside hydrolase family 111 (GH111) enzyme.
Expression System	<i>Escherichia coli</i>
Species	<i>Bacillus circulans</i>
Concentration	0.5 mg/mL
Form	Liquid
Purity	$\geq 90\%$, determined by SDS-PAGE.
Activity	Acetylglucosaminidases
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 circulans</i> keratan sulfate <i>endo-N</i> -acetylglucosaminidase 111A can be used in research and industrial applications related to glycosaminoglycans and carbohydrate analysis. It has the ability to hydrolyze keratan sulfate.
Storage	Store at -20°C.