



Product Information

Recombinant *Bacteroides thetaiotaomicron* β -D-galacturonidase 2A

Cat. No.: X23-08-YM365

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

Enzyme Commission Number: 3.2.1.-

Synonym: BtGpa2A; Beta-D-galacturonidase

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

Product Information

Description	Recombinant <i>Bacteroides thetaiotaomicron</i> β -D-galacturonidase 2A produced by <i>Escherichia coli</i> , is an enzyme that belongs to the glycoside hydrolase family 2 (GH2) category.
Expression System	<i>Escherichia coli</i>
Species	<i>Bacteroides thetaiotaomicron</i>
Concentration	0.5 mg/mL
Form	Liquid
Purity	$\geq 90\%$, determined by SDS-PAGE.
Activity	Galacturonidases
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>Bacteroides thetaiotaomicron</i> β -D-galacturonidase 2A can be used for degrading and modifying glucan-based polysaccharides. It has the ability to hydrolyze 4-nitrophenyl- α -L-rhamnose, and rhamnogalacturonan II.
Storage	Store at -20°C.