



Product Information

Recombinant *Bacteroides thetaiotaomicron* RG hydrolase galacturonohydrolase 28A

Cat. No.: X23-08-YM1025

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

Enzyme Commission Number: 3.2.1.173

Synonym: BtRgg28A

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

Product Information

Description	Recombinant <i>Bacteroides thetaiotaomicron</i> RG hydrolase galacturonohydrolase 28A produced by <i>Escherichia coli</i> , catalyzes the exohydrolysis of the α -D-GalA-1,2- α -L-Rha bond in rhamnogalacturonan oligosaccharides, releasing D-galacturonic acid from the non-reducing end with the inversion of configuration.
Expression System	<i>Escherichia coli</i>
Species	<i>Bacteroides thetaiotaomicron</i>
Concentration	1 mg/mL
Form	Liquid
Purity	$\geq 90\%$, determined by SDS-PAGE.
Activity	Galacturonohydrolases
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> RG hydrolase galacturonohydrolase 28A can be used in research for food processing, dietary supplements, and biotechnology. It has the ability to hydrolyze rhamnogalacturonan I.
Storage	Store at -20°C.