



Product Information

Recombinant *Mariniflexile* sp. unsaturated rhamnogalacturonyl hydrolase 105B

Cat. No.: X23-08-YM439

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

Enzyme Commission Number: 3.2.1.172

Synonym: MUrH105B; YteR; YesR

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

Product Information

Description	Recombinant <i>Mariniflexile</i> sp. unsaturated rhamnogalacturonyl hydrolase 105B produced by <i>Escherichia coli</i> , is an enzyme with E.C. number 3.2.1.172, catalyzing the hydrolysis of unsaturated rhamnogalacturonan disaccharide.
Expression System	<i>Escherichia coli</i>
Species	<i>Mariniflexile</i> sp.
Concentration	1 mg/mL
Form	Liquid
Purity	≥90%, determined by SDS-PAGE.
Activity	Rhamnogalacturonases
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>Mariniflexile</i> sp. unsaturated rhamnogalacturonyl hydrolase 105B can be used in food processing research, utilization of biomass, and agricultural industry. It has the ability to hydrolyze rhamnogalacturonans.
Storage	Store at -20°C.