



Product Information

Recombinant *Bacillus subtilis* unsaturated rhamnogalacturonyl hydrolase 105A

Cat. No.: X23-08-YM077

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

Enzyme Commission Number: 3.2.1.172

Synonym: BsUrh105A; YteR; YesR

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

Product Information

Description	Recombinant <i>Bacillus subtilis</i> unsaturated rhamnogalacturonyl hydrolase 105A 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>Bacillus subtilis</i>
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>Bacillus subtilis</i> unsaturated rhamnogalacturonyl hydrolase 105A can be used in food processing research, the utilization of biomass, and the agricultural industry. It has the ability to hydrolyze unsaturated rhamnogalacturonans (RG).
Storage	Store at -20°C.