



Product Information

Recombinant *Ruminiclostridium thermocellum* pectin methylesterase 8A

Cat. No.: X23-08-YM1012

Size: 0.25 mg; 0.50 mg; 0.75 mg; 1 mg

Enzyme Commission Number: 3.1.1.11

Synonym: RfPme8A; Pectin pectylhydrolase

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

Product Information

Description	Recombinant <i>Ruminiclostridium thermocellum</i> pectin methylesterase 8A produced by <i>Escherichia coli</i> , functions as a methyl side chain remover for pectins.
Expression System	<i>Escherichia coli</i>
Species	<i>Ruminiclostridium thermocellum</i>
Concentration	0.25 mg/mL
Form	Liquid
Purity	≥90%, determined by SDS-PAGE.
Activity	Pectin methylesterases
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>Ruminiclostridium thermocellum</i> pectin methylesterase 8A can be used for catalyzing pectin hydrolysis in monitoring biological processes, employing an ultrasonic measurement device. It participates in the de-esterification of pectins.
Storage	Store at -20°C.