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Product Information

Recombinant *Clostridium cellulolyticum* cellulase 9G

Cat. No.: X23-08-YM486

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

Enzyme Commission Number: 3.2.1.4

Synonym: *Cc*Cel9G; Beta-cellotriose

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

Product Information

Description	Recombinant *Clostridium cellulolyticum* cellulase 9G produced by *Escherichia coli*, possesses broad *exo*-1,3/1,6-β-glucanase specificity and *endo*-β-1,4-glucanase activity.
Expression System	*Escherichia coli*
Species	*Clostridium cellulolyticum*
Concentration	1 mg/mL
Form	Liquid
Purity	≥90%, determined by SDS-PAGE.
Activity	Cellulases
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 *Clostridium cellulolyticum* cellulase 9G can be used in research for textile, animal food, pharmaceutical, detergent, and paper processing industries. It has the ability to hydrolyze crystalline cellulose.
Storage	Store at -20°C.