



Product Information

Recombinant *Clostridium cellulolyticum* cellulase 9R

Cat. No.: X23-08-YM160

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

Enzyme Commission Number: 3.2.1.4

Synonym: CcCel9R; Beta-celotriose

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

Product Information

Description	Recombinant <i>Clostridium cellulolyticum</i> cellulase 9R produced by <i>Escherichia coli</i> , possesses broad <i>exo</i> -1,3/1,6- β -glucanase specificity and <i>endo</i> - β -1,4-glucanase activity.
Expression System	<i>Escherichia coli</i>
Species	<i>Clostridium cellulolyticum</i>
Concentration	1 mg/mL
Form	Liquid
Purity	$\geq 90\%$, 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 <i>Clostridium cellulolyticum</i> cellulase 9R can be used in research for textile, animal food, pharmaceutical, detergent, and paper processing industries. It has the ability to hydrolyze cellulosic carbohydrates, and phosphoric acid swollen cellulose (PASC).
Storage	Store at -20°C.