



Product Information

Recombinant *Thermobifida fusca* cellulase 6A

Cat. No.: X23-08-YM517

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

Enzyme Commission Number: 3.2.1.4

Synonym: TfCel6A; Beta-cellobiose

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

Product Information

Description	Recombinant <i>Thermobifida fusca</i> cellulase 6A produced by <i>Escherichia coli</i> , possesses broad exo-1,3/1,6- β -glucanase specificity and endo- β -1,4-glucanase activity.
Expression System	<i>Escherichia coli</i>
Species	<i>Thermobifida fusca</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>Thermobifida fusca</i> cellulase 6A can be used in research for textile, animal food, pharmaceutical, detergent, and paper processing industries. It has the ability to hydrolyze amorphous cellulose, avicel, cellulosic carbohydrates, and swollen cellulose.
Storage	Store at -20°C.