



Product Information

Recombinant *Thermobifida fusca* cellobiohydrolase 6B

Cat. No.: X23-08-YM311

Size: 0.5 mg; 1 mg; 1.5 mg; 2 mg

Enzyme Commission Number: 3.2.1.91

Synonym: *TfCbh6B*; 1,4-Beta-D-glucan cellobiohydrolase I; Cellobiohydrolase cels; *Exo*-beta-1,4-glucanase

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

Product Information

Description	Recombinant <i>Thermobifida fusca</i> cellobiohydrolase 6B produced by <i>Escherichia coli</i> , is an exocellulase that resolves cellulose by hydrolyzing the 1,4- β -D-glycosidic bonds.
Expression System	<i>Escherichia coli</i>
Species	<i>Thermobifida fusca</i>
Concentration	0.5 mg/mL
Form	Liquid
Purity	\geq 90%, determined by SDS-PAGE.
Activity	Cellobiohydrolases
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> cellobiohydrolase 6B can be used in research for the textiles, food, feed, carbohydrate, and biofuel industries. It has the ability to hydrolyze amorphous cellulose, cellulosic carbohydrates, and swollen cellulose.
Storage	Store at -20°C.