



## 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:** *Tf*Cbh6B; 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

<b>Description</b>	Recombinant <i>Thermobifida fusca</i> cellobiohydrolase 6B produced by <i>Escherichia coli</i> , is an exocellulase that resolves cellulose by hydrolyzing the 1,4- $\beta$ -D-glycosidic bonds.
<b>Expression System</b>	<i>Escherichia coli</i>
<b>Species</b>	<i>Thermobifida fusca</i>
<b>Concentration</b>	0.5 mg/mL
<b>Form</b>	Liquid
<b>Purity</b>	$\geq 90\%$ , determined by SDS-PAGE.
<b>Activity</b>	Cellobiohydrolases
<b>Buffer</b>	35 mM NaHepes buffer (pH 7.5), 750 mM NaCl, 200 mM imidazole, 3.5 mM $\text{CaCl}_2$ , and 25% (v/v) glycerol
<b>Applications</b>	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.
<b>Storage</b>	Store at $-20^\circ\text{C}$ .