



## Product Information

### Recombinant *Ruminococcus flavefaciens* cellodextrinase 5A

**Cat. No.:** X23-08-YM208

**Size:** 0.25 mg; 0.50 mg; 0.75 mg; 1 mg

**Enzyme Commission Number:** 3.2.1.74

**Synonym:** RfBgc5A; Exocellulase

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

#### Product Information

<b>Description</b>	Recombinant <i>Ruminococcus flavefaciens</i> cellodextrinase 5A produced by <i>Escherichia coli</i> , is classified with the enzyme commission (E.C.) number 3.2.1.74 and functions as an <i>exo</i> -1,4- $\beta$ -glucosidase/glucanase.
<b>Expression System</b>	<i>Escherichia coli</i>
<b>Species</b>	<i>Ruminococcus flavefaciens</i>
<b>Concentration</b>	0.25 mg/mL
<b>Form</b>	Liquid
<b>Purity</b>	$\geq 90\%$ , determined by SDS-PAGE.
<b>Activity</b>	Cellodextrinases
<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>Ruminococcus flavefaciens</i> cellodextrinase 5A can be used for glycobiology research. It has the ability to hydrolyze cellodextrins.
<b>Storage</b>	Store at $-20^\circ\text{C}$ .