



Product Information

Recombinant *Ruminococcus flavefaciens* cellobextrinase 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

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