



Product Information

Recombinant *Ruminococcus albus* cellodextrin phosphorylase 94A

Cat. No.: X23-08-YM205

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

Enzyme Commission Number: 2.4.1.49

Synonym: RaCdp94A

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

Product Information

Description	Recombinant <i>Ruminococcus albus</i> cellodextrin phosphorylase 94A produced by <i>Escherichia coli</i> , is a single-domain enzyme belonging to the glycoside hydrolase family 94 (GH94).
Expression System	<i>Escherichia coli</i>
Species	<i>Ruminococcus albus</i>
Concentration	1 mg/mL
Form	Liquid
Purity	≥90%, determined by SDS-PAGE.
Activity	Other Activities
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 albus</i> cellodextrin phosphorylase 94A can be used for its potential uses in biofuel production and carbohydrate engineering. It has the ability to hydrolyze cellohexaose, cellopentaose, cellotetraose, cellotriose.
Storage	Store at -20°C.