



Product Information

Recombinant *Paenibacillus* sp. cyclomaltodextrinase 13A

Cat. No.: X23-08-YM369

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

Enzyme Commission Number: 3.2.1.54

Synonym: PCda13A; Cycloheptagluconase

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

Product Information

Description	Recombinant <i>Paenibacillus</i> sp. cyclomaltodextrinase 13A produced by <i>Escherichia coli</i> , contains an N-terminal family 34 carbohydrate-binding module.
Expression System	<i>Escherichia coli</i>
Species	<i>Paenibacillus</i> sp.
Concentration	0.25 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>Paenibacillus</i> sp. cyclomaltodextrinase 13A can be used in research for food and beverage, pharmaceuticals, and starch processing. It has the ability to hydrolyze cyclodextrins.
Storage	Store at -20°C.