



Product Information

Recombinant *Bacteroides plebeius* β -porphyranase 16B

Cat. No.: X23-08-YM552

Size: 0.5 mg; 1 mg; 1.5 mg; 2 mg

Enzyme Commission Number: 3.2.1.178

Synonym: BpPor16B; Beta-porphyranase

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

Product Information

Description	Recombinant <i>Bacteroides plebeius</i> β -porphyranase 16B produced by <i>Escherichia coli</i> , is involved in the hydrolysis of β -galactopyranose-1,4- α -galactopyranose-6-sulfate linkages in porphyran.
Expression System	<i>Escherichia coli</i>
Species	<i>Bacteroides plebeius</i>
Concentration	0.5 mg/mL
Form	Liquid
Purity	$\geq 90\%$, determined by SDS-PAGE.
Activity	Porphyranases
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>Bacteroides plebeius</i> β -porphyranase 16B can be used for glycobiology research. It has the ability to hydrolyze porphyrin.
Storage	Store at -20°C.