



Product Information

Recombinant *Bacteroides plebeius* α -neoagarobiose hydrolase 117A

Cat. No.: X23-08-YM1026

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

Enzyme Commission Number: 3.2.1.159

Synonym: BpAhg117A; Alpha-neoagarobiose hydrolase

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

Product Information

Description	Recombinant <i>Bacteroides plebeius</i> α -neoagarobiose hydrolase 117A produced by <i>Escherichia coli</i> , is crucial for the saccharification of marine biomass.
Expression System	<i>Escherichia coli</i>
Species	<i>Bacteroides plebeius</i>
Concentration	1 mg/mL
Form	Liquid
Purity	$\geq 90\%$, determined by SDS-PAGE.
Activity	Agarases
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> α -neoagarobiose hydrolase 117A can be used can be used for glycobiology research. It has the ability to hydrolyze agarose.
Storage	Store at -20°C.