



Product Information

Recombinant *Bacteroides thetaiotaomicron* α -mannosidase 92L

Cat. No.: X23-08-YM114

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

Enzyme Commission Number: 3.2.1.-

Synonym: BtMns92L; 1,2-Alpha-mannosidase; Alpha-D-mannoside mannohydrolase; *Exo*-alpha-mannosidase

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

Product Information

Description	Recombinant <i>Bacteroides thetaiotaomicron</i> α -mannosidase 92L produced by <i>Escherichia coli</i> , is a glycoside hydrolase and is responsible for cleaving the alpha-mannose.
Expression System	<i>Escherichia coli</i>
Species	<i>Bacteroides thetaiotaomicron</i>
Concentration	0.25 mg/mL
Form	Liquid
Purity	$\geq 90\%$, determined by SDS-PAGE.
Activity	α -Mannosidases
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 thetaiotaomicron</i> α -mannosidase 92L can be used for the digestion of neutral glycans. It has the ability to hydrolyze mammalian high mannose <i>N</i> -glycans (HMNG).
Storage	Store at -20°C.