



Product Information

Recombinant *Caulobacter* sp. α -mannosidase 47A

Cat. No.: X23-08-YM452

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

Enzyme Commission Number: 3.2.1.113

Synonym: CMns47A; 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>Caulobacter</i> sp. α -mannosidase 47A 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>Caulobacter</i> sp.
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>Caulobacter</i> sp. α -mannosidase 47A can be used for the digestion of neutral glycans. It has the ability to hydrolyze α -1,2-mannobiose on Man9GlcNAc2.
Storage	Store at -20°C .