Creative Enzymes®

β-1,2-mannosidase

Cat. No. EXWM-3881

Lot. No. (See product label)

Introduction

Description	The enzyme, characterized from multiple bacterial species, catalyses the hydrolysis of terminal, non-reducing D-mannose residues from β-1,2-mannotriose and β-1,2-mannobiose. The mechanism involves anomeric inversion, resulting in the release of α-D-mannopyranose. Activity with β-1,2-mannotriose or higher oligosaccharides is higher than that with β-1,2-mannobiose.

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.2.1.197
Reaction	β-D-mannopyranosyl-(1→2)-β-D-mannopyranosyl-(1→2)-D-mannopyranose + H2O = β-D-mannopyranosyl-(1→2)-D-mannopyranose + α-D-mannopyranose
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.