Creative Enzymes®

α-Mannosidase 92L from Bacteroides thetaiotaomicron, Recombinant

Cat. No. NATE-1471

Lot. No. (See product label)

Introduction

Description	α-Mannosidase is an acid hydrolase which is located in plant vacuoles and is thought to be involved with the turnover of N-linked glycoproteins. α-Mannosidase has been shown to inhibit the proliferation of B-lymphocytes.
Synonyms	alpha-D-mannosidase; alpha-mannosidase; alpha-D-mannoside mannohydrolase; α-D-Mannosidase; EC 3.2.1.24; 9025-42-7

Product Information

Species	Bacteroides thetaiotaomicron
Source	E. coli
Form	35 mM NaHepes buffer, pH 7.5, 750 mM NaCl, 200 mM imidazol, 3.5 mM CaCl2, 0.02% sodium azide and 25% (v/v) glycerol
EC Number	EC 3.2.1-
Molecular Weight	81.9 kDa
Purity	>90% by SDS-PAGE
Concentration	0.25 mg/mL
Optimum pH	6.5
Optimum temperature	37 °C
Specificity	α-1,3-linkages in mannose containing carbohydrates

Storage and Shipping Information

Storage	This enzyme is shipped at room temperature but should be stored at -20 °C.