

α(1-2,3) Mannosidase from Xanthomonas manihotis, Recombinant

Cat. No. NATE-1269

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 Xanthomonas manihotis

Source E. coli

Form 50 mM NaCl, 20 mM Tris-HCl (pH 7.5 25°C) and 1 mM Na₂ EDTA.

Molecular Weight 90 kDa

Activity 80,000 units/mg

Concentration 32,000 units/ml

Unit Definition One unit is defined as the amount of enzyme required to cleave > 95% of the non-reducing terminal α-D-mannose from 1 nmol Manα1-3Manβ1-4GlcNAc-7-amino-4-methyl-coumarin (AMC), in 1 hour at 37°C in a total reaction volume of 10 μl.

Storage and Shipping Information

Storage 4°C