

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.