

α-Mannosidase 38A from Streptococcus pyogenes, Recombinant

Cat. No. NATE-1474

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

Streptococcus pyogenes

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

104 kDa

Purity

>50% by SDS-PAGE

Concentration

1 mg/mL

Optimum pH

7

Optimum temperature

37 °C

Specificity

Disaccharides, aryl glycosides and mammalian high mannose N-glycans

Storage and Shipping Information

Storage

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