

## **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 CaCl<sub>2</sub>, 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.