

## **α-Galactosidase 110A from Bacteroides thetaiotaomicron, Recombinant**

Cat. No. NATE-1403

Lot. No. (See product label)

### **Introduction**

**Description** Alpha-galactosidase is a glycoside hydrolase enzyme that hydrolyses the terminal alpha-galactosyl moieties from glycolipids and glycoproteins. It is encoded by the GLA gene. Two recombinant forms of alpha-galactosidase are called agalsidase alfa (INN) and agalsidase beta (INN).

**Synonyms** Alpha-Galactosidase; Galactosidase; EC 3.2.1.22; GLA; GALA; melibiase; α-D-galactosidase; α-galactosidase A; α-galactoside galactohydrolase

### **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 3.2.1.22

**CAS No.** 9025-35-8

**Molecular Weight** 65.1 kDa

**Purity** >50% by SDS-PAGE

**Concentration** 1 mg/mL

**Optimum pH** 6.5

**Optimum temperature** 37 °C

**Specificity** α-galactose containing carbohydrates

### **Storage and Shipping Information**

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