

## **α(1-3,4,6) Galactosidase from Green coffee bean, Recombinant**

Cat. No. NATE-1263

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**

Green coffee bean

#### **Source**

E. coli

#### **Form**

20 mM Tris-HCl (pH 7.5), 50 mM NaCl and 1 mM EDTA

#### **Molecular Weight**

39700 daltons

#### **Activity**

71,000 units/mg

#### **Concentration**

8,000 units/ml

#### **Unit Definition**

One unit is defined as the amount of enzyme required to cleave > 95% of the terminal, α-D-galactose from 1 nmol Galα1-3Galβ1-4Gal- 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