

$\alpha(1-3,4,6)$ 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 Gal α 1-3Gal β 1-4Gal- 7-amino-4-methyl-coumarin (AMC), in 1 hour at 37°C in a total reaction volume of 10 μ l.

Storage and Shipping Information

Storage 4°C