

α-Galactosidase, positionally specific from Escherichia coli, Recombinant

Cat. No. NATE-0293

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).

Applications

α-glucosidase is potential enzyme for the biosynthesis of complex carbohydrates.

Synonyms

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

Product Information

Species

Escherichia coli

Source

E. coli

Form

Lyophilized powder containing potassium phosphate buffer salt.

EC Number

EC 3.2.1.22

CAS No.

9025-35-8

Activity

> 50 units/mg protein

Unit Definition

One unit will liberate 1.0 μmole of D-glucose from p-nitrophenyl α-D-glucoside per min at pH 6.8 at 37°C.

Storage and Shipping Information

Storage

2-8°C