

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