

Bacillus circulans 1,3- α -Glucosidase 87A, Recombinant

Cat. No. NATZ-140

Lot. No. (See product label)

Introduction

Description

1,3- α -Glucosidase 87A is derived from *Bacillus circulans*, classified as a glucan endo-1,3- α -glucosidase. Recombinant BcAgn87A is expressed and purified from *Escherichia coli*, belonging to the single-domain enzyme of Glycoside Hydrolase family 87 (GH87). It is used to study its tandem domain structure (N-terminal galactose-binding-like and C-terminal β -helix).

Product Information

Source

Bacillus circulans

Form

This product is supplied in a solution containing 35 mM NaHepes buffer (pH 7.5), 750 mM NaCl, 200 mM Imidazole, 3.5 mM CaCl₂, and 25% (v/v) glycerol, at a concentration of 0,25 mg/mL.

EC Number

3.2.1.59

Optimum pH

8

Optimum temperature

50°C

Substrates

1,3- α -glucans

Storage and Shipping Information

Storage

-30°C to -15°C