

Polygalacturonosidase 28A from *Dickeya dadantii*, Recombinant

Cat. No. NATE-1505

Lot. No. (See product label)

Introduction

Description

Exo-poly-alpha-galacturonosidase (EC 3.2.1.82, exopolygalacturonosidase, exopolygalacturanosidase, poly(1,4-alpha-D-galactosiduronate) digalacturonohydrolase) is an enzyme with systematic name poly((1->4)-alpha-D-galactosiduronate) digalacturonohydrolase. This enzyme catalyses the following chemical reaction: Hydrolysis of pectic acid from the non-reducing end, releasing digalacturonate.

Synonyms

Exo-poly-alpha-galacturonosidase; EC 3.2.1.82; exopolygalacturonosidase; exopolygalacturanosidase; poly(1,4-alpha-D-galactosiduronate) digalacturonohydrolase; Polygalacturonosidase; exo-1,4- α -polygalacturonosidase

Product Information

Species

Dickeya dadantii

Source

E. coli

Form

35 mM NaHepes buffer, pH 7.5, 750 mM NaCl, 200 mM imidazol, 3.5 mM CaCl₂, 0.02% sodium azide and 25% (v/v) glycerol

EC Number

EC 3.2.1.82

CAS No.

37288-58-7

Molecular Weight

50.6 kDa

Purity

>90% as judged by SDS-PAGE

Concentration

1 mg/mL

Optimum pH

6

Optimum temperature

37 °C

Specificity

Polygalacturonans

Storage and Shipping Information

Storage

This enzyme is shipped at room temperature but should be stored at -20 °C.