Creative Enzymes®

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.