

## 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- $\alpha$ -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 CaCl<sub>2</sub>, 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.