

Pectin lyase 1A from Bacillus subtilis, Recombinant

Cat. No. NATE-1933

Lot. No. (See product label)

Introduction

Description

Pectin lyase 1A is an enzyme that acts on 1,4- α -D-galacturonan methyl ester from *Pseudomonas marginalis*. Recombinant PmPly1A (PL1), purified from *Escherichia coli*, is a single domain family 1 Pectate Lyase (PL1).

Synonyms

pectin trans-eliminase; endo-pectin lyase; polymethylgalacturonic transeliminase; pectin methyltranseliminase; pectolyase; PL; PNL; PMGL; PmPly1A; PL1

Product Information

Species

Bacillus subtilis

Source

E. coli

Formulation

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 4.2.2.10

CAS No.

9033-35-6

Molecular Weight

38.0 kDa

Purity

>90% as judged by SDS-PAGE

Concentration

0.25 mg/mL

Optimum pH

8

Optimum temperature

60°C

Storage and Shipping Information

Storage

at -20°C